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SEEDS

1908

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34 JUNEAU AVE.
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Announcement



IN PRESENTING this our annual Catalog, we desire to thank our many friends and patrons for the generous support and encouragement that has been given us in the past. Great advances have been made in Horticulture in recent years, and it has been our constant endeavor to keep pace with these, and to procure, as soon as introduced, every novelty at home and abroad that promises to be worthy of cultivation. We have purposely omitted from this catalog many varieties which have been either found inferior, or have been superseded by improved strains or varieties. Our descriptions and illustrations are conservative—nothing exaggerated. Many of our illustrations are direct from photographs of the grown product.

SEED BUYING

comes but once a year for most home gardens and should not be decided on the mere claim of cheapness, for the matter of saving a few cents is but a trifle as compared to the loss of labor, ground, and perhaps the entire crop, with much disappointment added, when seeds are bought for low prices rather than on merit.

We handle absolutely nothing which we do not believe to be the best obtainable, and we know that we have unsurpassed advantages for the procurement of the best seeds at a cost which will enable us to offer them to our customers at the lowest prices at which well-grown and selected seeds true to name can be furnished; but we do not claim to compete in prices with those made by irresponsible and haphazard growers and dealers whose sole effort is to secure the lowest priced seeds regardless of quality; such seeds are not cheap, but dear at any price.

We take all possible care to supply only such stock as will, under proper conditions, produce satisfactory results. Still seeds of the best quality will sometimes fail, due to causes entirely beyond our control, such as: sowing too deep or too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear above the ground; cold or dry air may check the growth of young plants or destroy them entirely, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction. For all these reasons it is impossible to **guarantee** seeds, and we must therefore disclaim all responsibility as to results obtained from any seeds, bulbs, or plants we send out.

General Directions to Correspondents

Our Terms

are strictly Cash with the order. Our goods being of First Quality, and very low in price, we must request our customers to ask no indulgence from us in the way of time.

How to Send Money.

We prefer that remittances be made by Postal Money Order or Express Money Order. The rates charged for money orders are now so low that this is the best way to remit. They are **CHEAP** and **ABSOLUTELY SAFE**. Postage stamps in small amounts are taken as cash, but they must be sent so they will not stick together. If personal checks are sent, the cost of exchange should be added. Letters containing cash should always be registered.

Free Delivery.

We deliver free to any post-office in the United States all flower and vegetable seeds by the packet or ounce. 8 cents per pound should be added for larger quantities, if wanted by mail. If beans, corn and peas are wanted by the pint or quart please add to remittance at the rate of 8 cents per pint and 15 cents per quart. Plants, shrubs, fertilizers, insecticides and sundries are at all times excluded from free delivery.

Packing.

No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Milwaukee. We charge only for two-bushel cotton bags at 20 cents each.

Name and Address.

Please remember to write very plainly your **NAME**, **POST-OFFICE**, **COUNTY** and **STATE**; also give street number and **P. O. Box** if any; also **NEAREST EXPRESS OFFICE**.

Prompt Delivery.

We try to ship all orders the same or the next day after receipt, but during the busy season slight delays may sometimes occur; for this we ask the indulgence of our customers.

Market Gardeners

and **Truckers**, **Public Institutions** and others who need seeds in larger quantities, will on application, be supplied with a **Special Price List**.

German Catalog upon Request

Deutscher Katalog auf Verlangen

DALLWIG'S LAWN GRASS SEED

FOR
GARDEN-
PARK-
AND OTHER
LAWNS



SOLID
SEEDS
FREE FROM
CHAFF AND
WEEDS

There is nothing which adds more to the external attractiveness of a home than a beautiful lawn. Anyone can have it. It will grow in the back yard of a city house as well as in the front. It will grow in the village as well as in the meadow or on the hillside. It is the world-wide covering of the earth as beautiful as flowers, more durable, less costly, nature's own blanket over the rocky soil. Little trouble to prepare the soil to receive the seed, always a fair certainty of its growing, and when established a thing of beauty and a joy.

There exists no reason for unsightly or bare spots in yard or lawn, no reason except indifference to the beautiful. Put down grass seed wherever it is wanted and you will be amply repaid in the satisfaction of having beautified your grounds.

The Lawn Grass Mixture which we offer should not be compared with the cheaper preparations advertised. Our prescription is of the best chosen varieties as respects color, texture and permanency, and will in the shortest time possible produce a beautiful, dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. In making up this mixture, we are extremely careful to use only the very best quality seed, which has been thoroughly re-cleaned, the light seeds and chaff being removed, and only clean, heavy, pure seeds retained. Much low priced grass seed is always offered, but close examination will generally reveal the fact that this consists largely of chaff, or of the coarse growing, cheap varieties of grasses which are not adapted for fine lawns. Anyone who purchases cheap, badly mixed Lawn Grass will soon realize that it was a poor investment, as the error will stand out for years in glaring ugliness.

QUANTITIES TO USE AND PRICES

1 pound for 400 square feet of lawn, \$.25	25 pounds for one-fourth acre of lawn, \$ 4.75
5 pounds for 2000 square feet of lawn, 1.10	50 pounds for one-half acre of lawn, 9.25
10 pounds for 4000 square feet of lawn, 2.00	100 pounds for one acre of lawn, 18.00

For renovating old lawns use about half of above quantities.

LAWN GRASS FOR SHADED PLACES. This mixture is especially prepared for use in shaded places, under trees, etc. Prices same as above.

WHITE CLOVER. Best grade, per pound 30c. 10 pounds \$2.50

BONE MEAL FOR LAWNS

Lawn grass is a heavy feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because few appreciate this fact is the reason there are so many poor, rusty lawns. Stable manure is unpleasant to handle, ill-looking and full of waste material. It contains weed seeds, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our Pure Bone Meal.

QUANTITIES TO USE AND PRICES

5 pounds for 200 square feet, \$.25	50 pounds for 2000 square feet, \$1.60
10 pounds for 400 square feet, .50	100 pounds for 4000 square feet, 2.50
25 pounds for 1000 square feet, .90	200 pounds for 8000 square feet, 4.50

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NOVELTIES AND SPECIALTIES FOR 1908

BEAN - Michigan White Wax

This new wax bean will undoubtedly prove of exceptional value. For years there has been a demand for a white seeded wax bean of the best quality, such as we are now able to offer.

Briefly described, this is a white seeded Golden Wax but in several vital features the Michigan White Wax is distinctly superior to that exceedingly popular variety. The vine is a little larger, more robust and vigorous; foliage a little heavier. The handsome pods are produced in greater abundance and are very uniform in size and color, which latter is a very attractive light golden yellow; pods comparatively broad, meaty and of the same superior quality as those of the Golden Wax. The seed is clear white and this feature alone gives the variety a very decided advantage over all other early wax-podded beans.

Packet 10c, $\frac{1}{2}$ pint 15c, pint 30c, quart 60c, postage extra.

HODSON WAX BEAN. Sturdy and productive, and thus far has been entirely free from rust and blight. The plants are well loaded with long, straight, handsome pods, which somewhat resemble those of the Davis Wax, but are plumper, straighter and longer while the color is a clean, bright yellow making them very attractive. The pods are brittle and tender, of fine texture and pleasing flavor. Pkt. 5c, pt. 15c, qt. 30c, postage extra.

CELERIAC "DELICATESS"

This Celeriac, the result of years of careful selection and cultivation, will produce perfectly smooth, oval bulbs, with few or no side roots. The flesh is snow-white, tender and of most delicious flavor.

Packet 5c, ounce 25c

EARLY "GOLDEN BANTAM" SWEET CORN

Earliest and Best of Extreme-Earlies. Delicious in Flavor

Exceptionally hard and firm, hence can be planted earlier than any other true sweet corn. Dwarf and sturdy, growing to a height of 4 feet, and bearing 2 and 3 good ears, 5 to 6 inches long, well filled to the extreme rounded tip with 8 rows of broad yellow grains. As distinct in flavor from white varieties as in color,—being literally "sweet as honey".

Packet 5c, $\frac{1}{2}$ pint 15c, pint 20c, quart 40c, 2 quarts 75c

LETTUCE - MAY KING

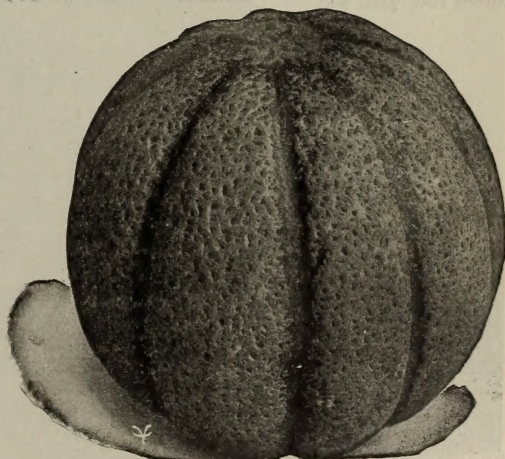
Decidedly superior early heading sort. Grown under glass this variety matures a large, handsome, light green head fully as early as many of the strictly forcing sorts. Grown outdoors May King proved to be an entirely satisfactory sort, and the earliest of all to form a marketable head. In cool weather the edges of the outer leaves are lightly tinged with brown. The inner leaves are blanched to a rich golden yellow, and have a specially fine rich buttery flavor. See illustration on page 22.

Packet 5c, ounce 15c, $\frac{1}{2}$ pound 40c

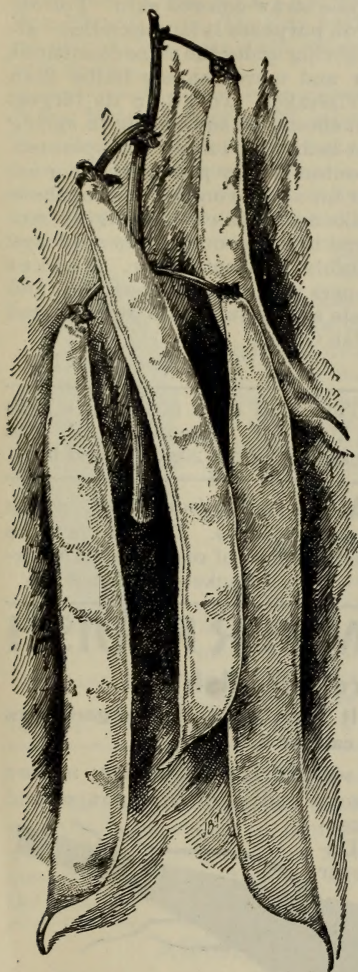
The New "Hoodoo" Musk Melon

The HOODOO is the ideal basket and crate melon, the fruits average $1\frac{1}{2}$ pounds, are thickly netted, as hard as a bullet, of very handsome appearance. Flesh very thick, of fine firm texture, rich orange color and sweetest flavor.

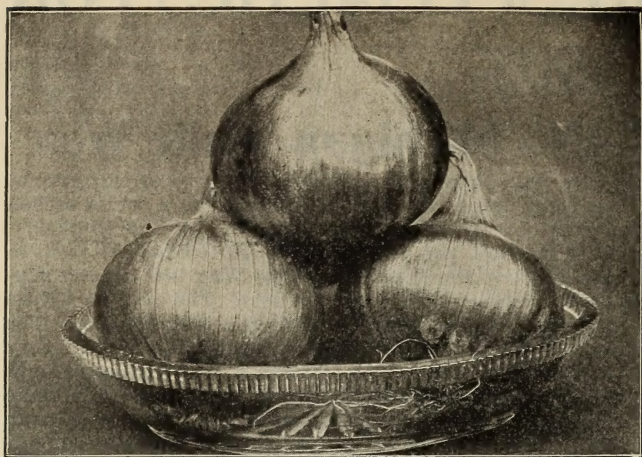
Packet 10c, $\frac{1}{2}$ ounce 25c, ounce 50c



HOODOO MUSK MELON.



MICHIGAN WHITE WAX BEAN



AILSA CRAIG ONION

Ailsa Craig Onion

One of the largest of onions. It is a very handsome, oval shaped variety with pale straw-colored skin. For exhibition purposes it is unexcelled—always giving under the same conditions larger and more shapely bulbs than the Prizetaker. To attain its largest size it should be sown early in spring in hot-beds and later transplanted. This onion is very productive, a good keeper for a large onion, and for those who like an onion raw we highly recommend it on account of its mild and acceptably pungent flavor. Market gardeners who grow this box them and compete successfully with the imported Spanish Onion.

Packet 10c, ounce 35c

EARLY WHITE WELSH ONION.

For Green Onions. This kind does not form a bulb but is one of the best kinds for "Green Onions". The plants are perennials and can remain in the ground for years. Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

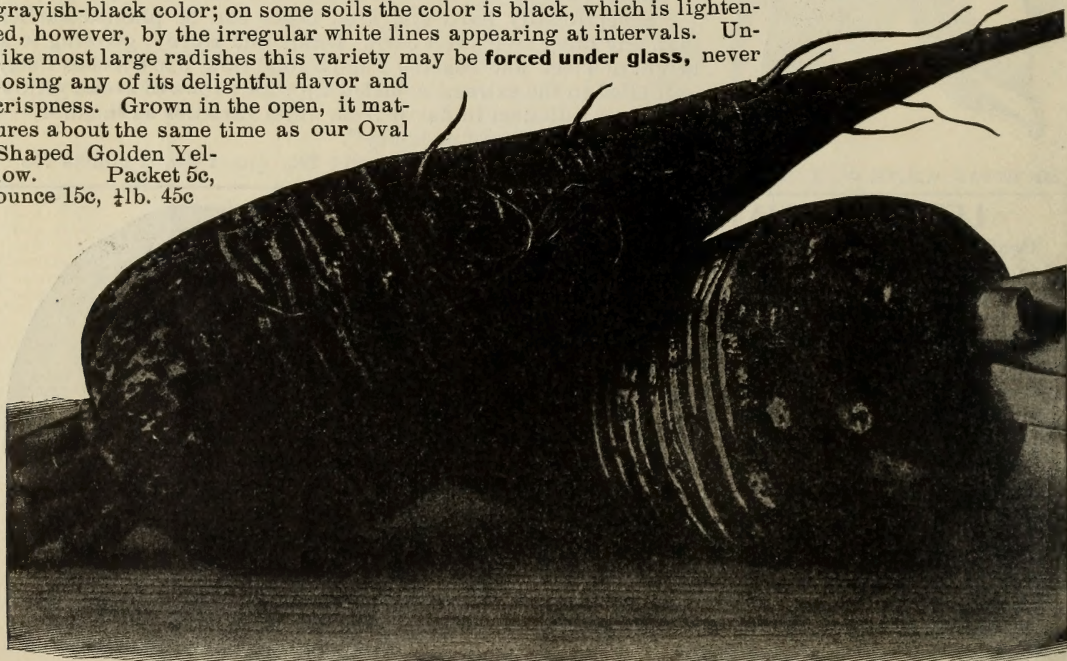
MAMMOTH JAPANESE RADISH "SAKURAJIMA". A radish from Japan, which grows to enormous dimensions, sometimes reaching a circumference of 40 inches. The skin is white and the flesh is always crisp and tender. The taste is more delicate than that of our American varieties. Packet 10c, ounce 20c

A SPLENDID GRAY-BLACK SUMMER RADISH

Everybody ought to try this really great Radish

The last two seasons we were unable to supply the heavy demand. It "took" at once, and gardeners who grew it reported a wonderful and steady call for it.

Oval Shaped Gray-Black Summer No. 1. Smooth, solid, crisp and tender, never grows pithy. Equally fine for forcing or open air culture. A handsome radish of oval shape, and grayish-black color; on some soils the color is black, which is lightened, however, by the irregular white lines appearing at intervals. Unlike most large radishes this variety may be **forced under glass**, never losing any of its delightful flavor and crispness. Grown in the open, it matures about the same time as our Oval Shaped Golden Yellow. Packet 5c, ounce 15c, $\frac{1}{4}$ lb. 45c



RADISH, OVAL SHAPED GRAY-BLACK SUMMER NO. 1

NOVELTIES IN FLOWER SEEDS

AGERATUM, LITTLE BLUE STAR. A handsome new variety, different from all other Tom Thumb sorts. The tiny bushy plants do not exceed 4 or 5 inches in height, with clusters of flowers of light blue with dark red center, changing to pure light blue. The plants are literally covered with flowers. Packet 10c

New White Aster "Unicum" This grand new Aster, two feet in height and of vigorous branching habit similar to that of the Hohenzollern Aster, differs essentially in form of flowers from all other large flowering classes. When the buds begin to show color, they are composed of very fine thread-shaped florets, gracefully turned and twisted towards the center, which in unfolding change into long, narrowly channelled petals regularly expanded in all directions. Packet 10c

EVERBLOOMING ANNUAL HOLLYHOCK

Commences Flowering in Twelve Weeks from Seed, and Continues until Frost

This new strain possesses all the virtues of the old-fashioned double Hollyhock with the additional advantage of blooming from seed the first year. Plants started from seed sown in March or April in the house or hotbed, transplanted in May into their permanent place, will bloom in August and continue until late in the fall. The plants branch out freely, grow to a good height, and are not easily attacked by the Hollyhock fungus, and therefor retain their fresh, bright green leaves until late. The flowers are double, semi-double and single, and appear in all colors. Packet 10c



KOCHIA
TRICOPHYLLA

KOCHIA TRICOPHYLLA or SUMMER CYPRESS

A highly ornamental annual of unusually rapid growth, forming regular pyramids from two to three feet in height, and having a cypress-like appearance. The leaves are slender and of a light pea-green until September, when they change to carmine and blood red. Its bright autumn coloring has given it two other names, viz.: "Mexican Fire Plant" and "Burning Bush". The flowers are miniature but countless. Sow indoors in April and plant out in May, or sow in the open ground in May. The plants do best in a sunny exposure, about two feet apart. Packet 10c

Nigella, Miss Jekyll

The plants of this new hardy annual, "Love in the Mist," are vigorous, 18 inches high, and give an abundance of long-stemmed flowers of the clearest cornflower-blue, contrasting most charmingly with the fine, fern-like foliage. Packet 5c

ADMIRAL POPPY

This single peony-flowered Poppy is of surprising beauty. It is characterized by large, round, smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors form a most telling contrast, similar to that seen in the variety Danebrog. Planted in groups the Admiral Poppy, which comes nearly true from seed, produces a magnificent effect. Packet 10c

Salvia Splendens "Fireball"

Of the many sorts of Salvia now cultivated, this splendid novelty undoubtedly is the finest of all. It has larger flowers and is also more free flowering than any other kind. The bushy plant 20 inches high is covered with long broad flower spikes with a great number of flowers of the most fiery scarlet. The plants branch freely and are profuse bloomers, the side shoots often producing four to six flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. It is the earliest of all, flowering by the beginning of July and continuing without a break until frost. It is easily raised from seed and comes true. Packet 10c



NIGELLA, MISS JEKYLL

GENERAL LIST OF

Standard Vegetable Seeds For Market and Home Gardens.

ALL STANDARD VARIETIES OF REAL VALUE may be found in this department. We exclude everything worthless; omit the endless number which are out of date; avoid misleading descriptions, and do not offer same varieties under different names. It has ever been our endeavor as seedsmen to make **Highest Quality** the first consideration and then to fix our prices as low as **Good, Reliable Seeds** can be sold. Department and other stores sometimes offer seeds in packets at seemingly low prices. Examination will show that the packets though bright and attractive, are small, often containing less than one-fourth as much as one of ours, and trial will often demonstrate that, even if the seeds have sufficient vitality to come up, the product will be unsatisfactory. The use of poor seeds **always** results in disappointment and loss. The best is **always** the cheapest. We offer you the very best seeds which can be produced, and at the lowest prices consistent with the highest quality.

All Seeds, except where noted, 5 cents per packet; half packets at 3 cents each.

GENERAL CULTURAL DIRECTIONS

To secure a good crop of vegetables, three things at least are necessary; viz., a suitable soil, pure seed and clean culture. A rich, sandy loam is the best, but a fair degree of success may be secured from any soil which can be made rich and friable. If the soil be stiff, it should be gradually mellowed by the free use of barnyard manure, or, if convenient, by the addition of sand. If wet, or inclined to hold an excess of moisture, it should be underdrained.

Rich soil and liberal manuring will avail little without thorough preparation. The soil must be made friable by thorough and judicious working. The ground should be frequently hoed, to kill the weeds and keep the soil mellow, and the proper time to hoe is just when the weeds appear above ground. Not only should every weed be removed as soon as it appears, but the crust which forms after a rain should be broken up and the ground stirred as soon as it is dry enough to permit it. The more frequently and deeply the soil is stirred while the plants are young, the better, but as they develop and the roots occupy the ground, cultivation should be shallower until it becomes a mere stirring of the surface.

Much time may be gained by starting certain kinds of plants in a hot-bed. The construction of these is so simple and the expense so slight that everybody should have one. We give below brief

DIRECTIONS FOR MAKING A HOT-BED

The best material that is easily available is fresh horse manure, containing a liberal quantity of straw bedding. The manure should be forked over, shaken apart, and if dry, watered and allowed to stand a few days and then be forked over again, piled and allowed to heat a second time, the object being to get the whole mass into a uniform degree of fermentation, and as soon as this is accomplished it is fit for use.

When everything is ready, the manure is placed in the pit, carefully shaking out and spreading each forkful and repeatedly treading down the manure so as to make the bed as uniform as possible in solidity, composition and moisture. Unless this is carefully done, one portion will heat quicker than the other and the soil will settle unevenly, making it impossible to raise good plants.

The manure should be packed to a depth of about two feet. Then put on the frame and sash. The heat will soon rise to 100 degrees or more, which is too hot to sow the seed; but in two or three days it will subside to 90 degrees or a little less, when the soil may be put on to the depth of 6 or 8 inches. The soil should be light and friable, and care should be taken that it is dry. Fresh manure should be carefully packed around the outside of the frame to the very top.

Air must be given every mild day by raising the sashes at the back. Water with tepid water whenever necessary, and during cold nights and snowstorms keep covered with mats or board shutters. The details of management, however, must be learned by experience, but may be easily acquired by anyone who gives the matter careful attention, keeping constantly in mind the essentials given above.

OUR SEED Please show this SEED CATALOG to your friends, and if you should receive an **CATALOG.** extra copy, be kind enough and hand it to some neighbor interested in seeds. We would be glad to send a copy free to any of your friends likely to want seeds. An order this season, no matter how small, secures our catalog for the next as soon as issued.

ARTICHOKE

CULTURE.—Deep, rich, sandy loam, with plenty of well-rotted manure. Sow seeds in April or May, and when large enough transplant into rows 3 to 4 feet apart and 2 feet apart in the rows. They attain maturity the second year. When cold weather sets in, bank the earth to the top, first cutting off and tying up the leaves so that they will occupy less space, and in the spring fork in a dressing of manure. Artichoke may also be treated as an annual by sowing the seed in hotbed during February and transplanting in May. The heads should be cut off and used as they get ready. If left to ripen on the plant they will exhaust it, and no more will be produced that season. Heads are unfit for culinary purposes after the flowers expand.

Large Globe, or Paris.—The best sort for general use. Buds large, nearly round; scales pale green, shading to violet at the base, very thick and fleshy. Packet 5c, ounce 35c, $\frac{1}{4}$ lb. \$1.00

ASPARAGUS SEED

Cultural directions furnished with each order, if requested.

Columbian Mammoth White.—Shoots are white and remain so without earthing or blanching. It is stronger in habit, throws larger shoots and fully as many as Conover's Colossal.

Conover's Colossal.—The standard green variety, of large size, tender and of excellent quality.

Palmetto.—Large size, even and regular in growth and appearance. Immensely productive and of the best quality.

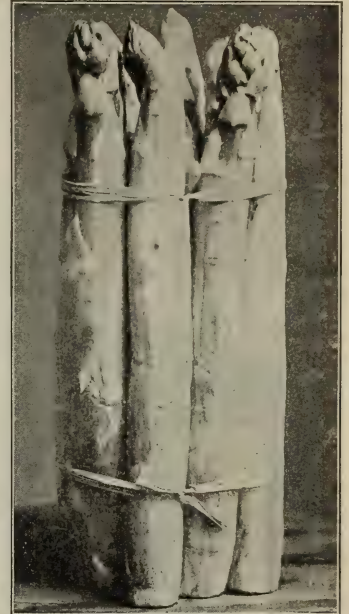
Any variety, packet 5c, ounce, 10c, $\frac{1}{4}$ lb. 20c

ASPARAGUS ROOTS. If desired by mail, add 50c per 100 for postage.

Conover's Colossal.— } 2-year-old plants. Per dozen, 15c,
Columbian Mammoth White.— } per 100, \$1.00

ASPARAGUS KNIVES.—

Each 35c



ASPARAGUS, COL. MAM. WHITE

BEANS DWARF or BUSH

One Quart to 100 Feet of Drill or to 200 Hills.

Two Bushels per Acre in Drills

Culture. The soil best adapted to Beans is a light, rich, well drained loam, which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest return will result from planting in drills from two to three feet apart and leaving two to six plants to the foot of row. Up to the time of blossoming they should have frequent shallow cultivation, but any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast and so cut off the crop. Remember that beans should always be cultivated very shallow, and that it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

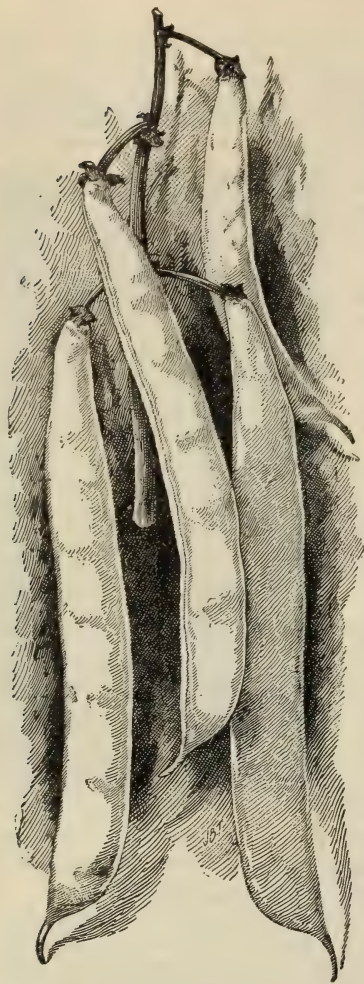
GREEN PODDED SORTS

	Pt.	Qt.	$\frac{1}{4}$ Pk.	Pk.	Bu.
Stringless Green Pod. —Early, productive, perfectly round, fleshy, 5 to 6 inches in length and entirely stringless.....	13	25	75	140	500
Longfellow. —Pods are about 6 inches long, pale, soft green, straight and round, of delicious flavor; an early and abundant bearer.....	13	25	80	150	550
Improved Extra Early Red Valentine. —Ten days earlier than any other strain of this well-known variety.....	13	25	75	140	450
Long Yellow Six Weeks. —Early, with full, flat green pods.....	13	25	75	140	450
Mohawk. —Long, flat, straight pods; early.....	13	25	75	140	450
Extra Early Refugee. —Has all the good qualities of the Late Refugee, and is ready for market at least ten days earlier.....	13	25	75	140	450
LATE REFUGEE, OR 1000 TO 1. —Pods round, green, waxy, absolutely stringless, and extra fine in flavor. The variety most largely used for pickling.....	13	25	75	140	450
Canadian Wonder. —Prolific and long in bearing; valuable for pickling and canning.....	15	30	80	150	500
Broad Windsor. —Matures in fifty days after germination.....	15	30	100	175	600
Burpee's Bush Lima. —Eighteen to twenty inches high. An immense yielder. Pods well filled with very large beans, identical in size and luscious flavor with the well-known large Pole Limas.....	20	35	125	200	650

All Green Beans 5 cents per packet.

IF WANTED BY MAIL, ADD 8 CENTS PER PINT, 15 CENTS PER QUART FOR POSTAGE.

WAX BEANS



MICHIGAN WHITE WAX.

Wardwell's Early Kidney Wax. One of the best early wax beans for market gardeners. Nearly a week earlier than the Golden Wax and yields one-third more, but the most valuable point in its favor is, that it is almost entirely free from rust and spots. The pods are long and showy, very tender, and of excellent quality, and assume a rich golden color at an early stage of their growth.

Pkt. 5c, $\frac{1}{2}$ pt. 10c, pt. 15c, qt. 30c, $\frac{1}{2}$ pk. \$1.00, pk. \$1.75, bu. 6.00

Davis Wax. An exceedingly hardy, productive, white seeded wax bean. All of the pods are very long, white, straight and handsome. The vine is very vigorous, bearing near the center many clusters some of which extend above the foliage. When young the pods are very brittle, crisp and tender. The dry beans are kidney-shaped, clear white and excellent for baking. The length, perfect shape, freedom from rust and fine color of the pods, and the clear, white seeds make this one of the best for canners.

Pkt. 5c, $\frac{1}{2}$ pt. 10c, pt. 15c, qt. 30c, $\frac{1}{2}$ pk. \$1.00, pk. \$1.75, bu. 6.00

Michigan White Wax. Briefly described, this is a white seeded Golden Wax, but in several vital features the Michigan White Wax is distinctly superior to that excellent and exceedingly popular variety. The vine is a little larger, more robust and vigorous; foliage a little heavier. The handsome pods are produced in greater abundance and are very uniform in size and color, which is a very attractive light golden yellow; pods comparatively broad, meaty and of the same superior quality as our Golden Wax. The seed is clear white.

Packet 10c, $\frac{1}{2}$ pint 15c, pint 30c, quart 60c

Hodson Wax. Sturdy and productive, and thus far has been entirely free from rust and blight. The plants are well loaded with long, straight, handsome pods, which somewhat resemble those of the Davis Wax, but are plumper, straighter and longer, averaging about seven inches in length, while the color is a clean, bright yellow, making them very attractive. The pods are brittle and tender, of fine texture and pleasing flavor.

Pkt. 5c, $\frac{1}{2}$ pt. 10c, pt. 15c, qt. 30c, $\frac{1}{2}$ pk. \$1.00, pk. \$1.75, bu. 6.00

$\frac{1}{2}$ Pt. Pt. Qt. $\frac{1}{2}$ Pk. Pk. Bu.

Rust Proof Golden Wax.—(Black Seed.) It is very early and productive, of excellent quality, and entirely free from rust.... 10 15 30 80 150 500

Improved Golden Wax.—Strong in growth, attractive in appearance; a very popular variety..... 10 15 30 80 150 500

Challenge Dwarf Black Wax.—An extra early strain of Black Wax Round pods..... 10 15 30 80 150 500

Refugee Wax.—A perfect Refugee, with long, round, yellow wax pods. Suitable for early or late planting; an immense yielder 10 15 30 80 150 500

IF WANTED BY MAIL, ADD 8 CENTS PER PINT, 15 CENTS PER QUART FOR POSTAGE.

POLE BEANS.

Pole Beans are more tender and require more care than the bush varieties, and should be planted two weeks later; they succeed best in sandy loam, liberally enriched with manure. Form hills 3 to 4 feet apart; plant 5 or 6 beans in a hill, about 2 inches deep, leaving space in the center for the pole. When well started, thin to 2 or 3 plants in a hill.

IMPORTED GIANT SWORD POLE.—A splendid variety, introduced by us. Vine vigorous and very productive, bearing its pods in large clusters. Its long, wide, showy green pods are very crisp; one of the best pole beans in cultivation.

$\frac{1}{2}$ pint 20c, pint 40c, quart 75c

Golden Carmine Podded Horticultural.—The pods are large, stringless, bright golden color when very young, mottled and streaked with an unusually bright carmine as they approach full size.

$\frac{1}{2}$ pint 10c, pint 20c, quart 35c

Kentucky Wonder or Old Homestead.—The long fleshy pods are entirely stringless and of finest quality. $\frac{1}{2}$ pint 10c, pint 15c, quart 30c

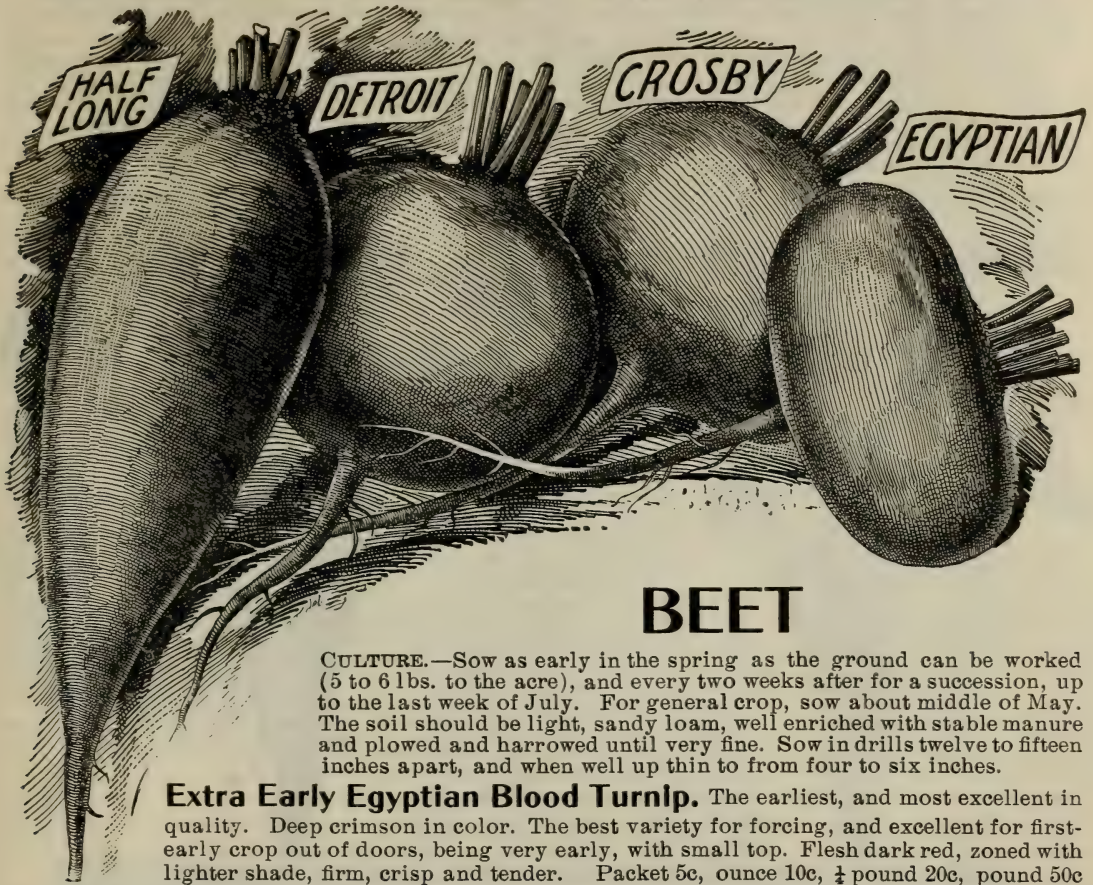
Scarlet Runner.—A favorite both as snap bean and for its bright scarlet flowers,

$\frac{1}{2}$ pint 10c, pint 15c, quart 30c

King of the Garden Lima.—Pods of largest size, filled with four or five immense white beans of finest quality. $\frac{1}{2}$ pint 10c, pint 15c, quart 30c

All Pole Beans 5c per packet

If wanted by mail add at rate of 15c per quart.



BEET

CULTURE.—Sow as early in the spring as the ground can be worked (5 to 6 lbs. to the acre), and every two weeks after for a succession, up to the last week of July. For general crop, sow about middle of May. The soil should be light, sandy loam, well enriched with stable manure and plowed and harrowed until very fine. Sow in drills twelve to fifteen inches apart, and when well up thin to from four to six inches.

Extra Early Egyptian Blood Turnip. The earliest, and most excellent in quality. Deep crimson in color. The best variety for forcing, and excellent for first-early crop out of doors, being very early, with small top. Flesh dark red, zoned with lighter shade, firm, crisp and tender. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

Crosby's Egyptian. A selection from that standard market beet, Extra Early Egyptian Blood Turnip, retaining the earliness of the parent stock and having added thickness, giving it a more handsome shape. Very small tap root, deep rich color, splendid quality, and very rapid growth. Much in demand by market gardeners for forcing.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Detroit Dark Red Turnip. Its small, upright growing tops, early maturing, and splendid shape and color of the roots make it popular with everyone. Leaf-stems and veins dark red, blade green; roots globular or ovoid, and very smooth; color of skin dark blood-red; flesh deep vermilion-red, zoned with a darker shade; very crisp, tender and sweet, and remaining so for a long time.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Chicago Market. A most perfect dark blood-red kind. Even the leaves of every beet are of the darkest glossy red, almost black. It is of turnip shape, first-class in size, smooth, with small tops and fine small tap root.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Crimson Globe.—An extremely handsome, early or main-crop variety, of medium size, almost globe shaped, and entirely free from rootlets, leaving the skin entirely smooth. The foliage is small and of a rich bronze purple. The flesh is a rich blood-red, slightly zoned and of the finest quality, always sweet and tender, never stringy.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

Eclipse.—A round rooted, blood-red table beet of high merit.

Packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c, pound 45c

Half Long Blood.—The flesh is rich dark red, very sweet, crisp and tender, never becoming woody, even in portions above the ground, and retains its good quality longer than other sorts. We consider this the most valuable variety for winter and spring use.

Packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c, pound 45c

Swiss Chard or Summer Spinach. Cut and Come Again Spinach. Far superior to the common beet for greens and equal to spinach. It makes a rapid growth of leaves, and is fit for use sooner than any spinach. For summer use it is superior to spinach, because it can be cut throughout the summer and fall, when no spinach is to be had. The leaves later grow very large, with broad, flat, white, wax-like stems and mid-ribs which may be prepared like asparagus.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

Mangel-Wurzel and Sugar Beet.

GROWN FOR
FEEDING STOCK

THE VALUE of Mangels for stock feeding cannot be over-estimated. The results from their use are clearly seen in the improved health and condition of animals, the increased flow and quality of milk from cows, and the saving in fodder. Mangels yield enormously if the soil is rich, and can be grown at trifling cost. *Everyone who keeps even one cow should grow a patch of Mangels for winter feed.*

Sugar beets are not as heavy yielders as Mangels, but they are of better quality, abounding in saccharine matter. For sugar producing purposes these beets are grown exclusively in Europe and in some localities in our own country.

Culture. Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart, and 3 to 18 inches in the rows. As soon as frost occurs, dig the crop. About 4 pound are required for an acre.

SUGAR BEET. *Vilmorin's Improved.*—
In this variety we have



one of the richest sorts in cultivation, not only that, but it will do better on new lands, suffer less from any excess of nitrogen, and will keep the best of any. Yields from ten to sixteen tons per acre,

VILMORIN'S.

and contains under favorable conditions, as high as eighteen per cent. of sugar. Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

Klein-Wanzleben.—This is the variety of Sugar Beet which the analytical chemists of the German Beet Sugar Factories have united in recommending as possessing the highest sugar-producing qualities, which scientific investigations have fully sustained by the practical results of sugar making in the factories, as much as eighteen tons of sugar having been made from one hundred tons of roots of this variety.

Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c



KLEIN-WANZLEBEN

Imperial Sugar.—Skin cream color; flesh white; an average of fifteen tons can be produced per acre.

Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

Giant Feeding Sugar Beet, or Half Sugar Mangel

By the same system of careful selection and breeding which accomplished so much with the Sugar Beet, there has been established in the **Giant Feeding Sugar** a strain of beets which, while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value. The roots for feeding purposes are really more valuable, pound for pound, than those of the very best strains of sugar beet and the yield under equally favorable conditions is more than double. The roots are of light bronze green color, grow partly out of the ground, and because of this and their shape the crop can be harvested and stored easily and at less expense than any other root crop. Ounce 5c, $\frac{1}{4}$ pound 10c, pound 25c

See illustration opposite.

ROOT CROPS FOR FARM STOCK

It is not what an animal eats but what it digests and assimilates, that is of benefit to the owner. When fed on a ration containing something green or fresh, appetite is stimulated; the digestion is improved and the general health and restful content greater. Root crops, in addition, contain high quantities of nutritive sugar, and are a necessity in rations of growing and fattening animals.

MANGELS, SUGAR BEETS, CARROTS, TURNIPS.



Mangel.

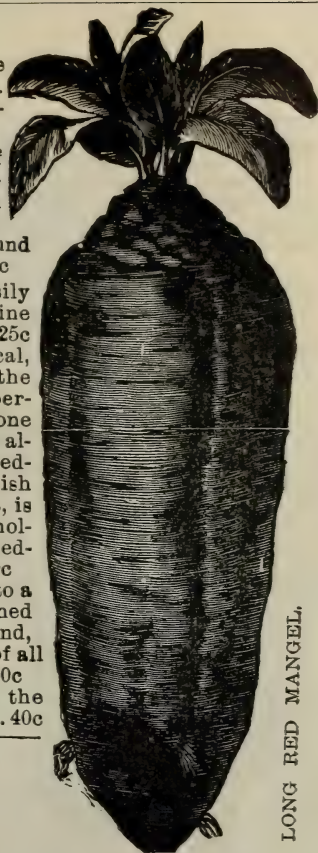
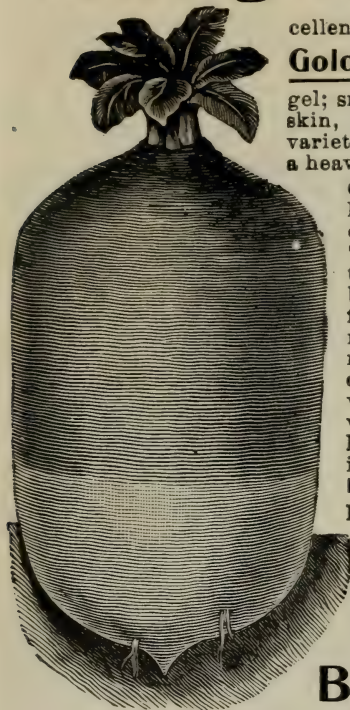
LONG RED.—A very productive variety, used for cattle feeding. It is of immense size and an excellent keeper. Oz. 5c, $\frac{1}{2}$ lb. 10c, lb. 25c

Golden Tankard.—The best type of intermediate Mangel; small top, broad shoulders, smooth rich skin, very solid flesh, golden stem. This variety admits of close culture, and will be found a heavy producer. Oz. 5c, $\frac{1}{2}$ lb. 10c, lb. 25c

Champion Yellow Globe.—More easily handled than the mammoth varieties. Fine cattle feeding roots. Oz. 5c, $\frac{1}{2}$ lb. 10c, lb. 25c
"Erfurt Model."—Perfectly cylindrical, the top being of the same diameter as the bottom. It has attained the highest perfection of any known variety. It forms one root only, has no sides roots, and grows almost above the soil. The skin is of a reddish yellow color. The flesh is yellowish white with regular golden yellow rings, is very firm without being spongy and hollow, and is highly recommended for feeding purposes. Oz. 5c, $\frac{1}{2}$ lb. 15c, lb. 40c

Large Obendorf Red.—The roots grow to a large size, are rounded on top and flattened underneath, almost entirely overground, the heaviest cropping and the finest of all Globe varieties. Oz. 5c, $\frac{1}{2}$ lb. 15c, lb. 40c

Large Obendorf Yellow.—Differs from the above in color only. Oz. 5c, $\frac{1}{2}$ lb. 15c, lb. 40c



LONG RED MANGEL.

Brussels Sprouts

GOLDEN TANKARD.

Brussels Sprouts are little cabbages which spring in considerable numbers from the main stem. They have a very delicate flavor and should be more

commonly grown in the home garden. Grown like cabbage, but occupy less space. Pkt. 5c, oz. 15c



BRUSSELS SPROUTS.

HIGH-CLASS FARMING

Comprehends the growing of crops more extended in variety than is cultivated on the ordinary farm. Especially must this be practiced on farms devoted in whole or in part to the rearing of live stock, or those other farms the proprietors of which desire to establish show places. Among the special crops referred to are:

RAPE.—For soiling and folding sheep and swine. The sowing of the seed being made between 15th of May and 15th of June. Seed for an acre will cost 50 cents.

CARROTS AND MANGOLDS.—For horses and milch cows. The seed sown 15th May to 10th June. Seed for an acre will cost about \$1.50 to \$2.00.

SWEDES OR RUTABAGA.—For live stock of all sorts. The Bloomsdale is the best. Drilling should be made between 15th June and 15th July. The seed for an acre will cost about \$1.00.

TURNIP.—Turnips need not be sown so early as Swedes. They are of almost equal value. The seed for an acre will cost about 75c.

CABBAGE

CULTURE.—For very early use sow in January or February in hotbeds; prick out when plants are strong enough into other hotbeds; or sow in cold frames in March, transplant to the open ground when danger from killing frosts is past, in rows 2 feet apart, and 18 inches apart in the rows. For a succession, sow in open ground the last of March or early in April. The autumn and winter varieties sow in April or early May, in shallow drills, 3 or 4 inches apart; transplant into rows 2½ feet apart, and 2 feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed.

Cabbages should be hoed every week and the ground stirred as they advance in growth, drawing up a little earth to the plants each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots sometimes retards bursting of full grown heads.

Of late years many crops of early cabbage have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply kerosene emulsion. The cabbage worms which destroy the leaves and heads may be killed by dusting with Slug Shot.

EARLY CABBAGE

EARLY JERSEY WAKEFIELD

THE EARLIEST AND HARDEST
HEADING OF EXTRA EARLY
CABBAGES

Among the many extra early varieties there is none better adapted to American methods of culture and the American market than Early Jersey Wakefield. The plants are very hardy, not only to endure frost, but also unfavorable conditions of soil and moisture. It is safe to ship the heads younger than would be possible with most varieties, and at the same time they will remain in condition for use longer than ordinary early sorts. The leaves are thick, short and of fine quality. The best sort for very early setting. We offer a stock from



EARLY JERSEY WAKEFIELD CABBAGE

carefully bred and selected plants, which is much superior to that ordinarily sold.

Packet 5c, ounce 25c, ¼ pound 75c

Pkt. Oz. ¼lb.

EARLY SPRING.—Becomes solid enough for use almost as early as Jersey Wakefield

Similar in form to Flat Dutch. Short stem, compact head.....

05 20 60

CHARLESTON, OR LARGE WAKEFIELD.—Larger than the Jersey Wakefield, a little later, and the head not quite so pointed.....

05 20 60

Cassel.—A favorite early variety, very solid, and excellent for the family garden. blunt peak.....

05 20 60

Henderson's Early Summer.—Is about 10 days later than Jersey Wakefield. May be classed among the best large second early cabbages; round heads.....

05 20 60

Succession.—About one week later than Henderson's Early Summer, but somewhat larger.....

05 20 60

All Seasons.—It is as good for late market or winter as for early. Stands hot sun and dry weather well.....

05 15 50

Fottler's Brunswick.—Heads large, flat, compact and solid, and of fine quality.....

05 15 50

LATE AUTUMN AND WINTER CABBAGE

LONG KEEPING.—A very handsome and extremely hardy cabbage, which is growing in popularity, having proven one of our best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. The heads are of good marketable size, not quite so large as those of Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more.

Packet 5c, ounce 25c, ¼ pound 75c, pound \$2.50

Magdeburg.—Large, late, flat; favorite sauerkraut sort.

Packet 5c, ounce 15c, ¼ pound 50c

Surehead.—Large, round, very hard, uniform heads.

Packet 5c, ounce 20c, ¼ pound 60c

Large Late Flat Dutch.—Standard large, late, flat variety.

Packet 5c, ounce 15c, ¼ pound 50c

Late Drumhead.—Very large, solid, flat heads.

Packet 5c, ounce 15c, ¼ pound 50c



HOLLANDER CABBAGE--Select

This variety came originally from Europe. The plant is very vigorous, rather compact growing, with a longer stem than most American sorts, and is exceedingly hardy, not only in resisting cold, but dry weather as well. The head is made up of very thick, broad leaves which overlap each other more than most sorts. It is very solid, and stands shipment so well that it arrives at its destination in very attractive condition. In quality, it is one of the best, being very white, crisp and tender. We have given a great deal of attention to this variety and offer seed which we believe will produce a crop of more uniformly typical heads than can be grown from seed offered by any other dealer.

Packet 5c, ounce 25c, $\frac{1}{4}$ pound 75c, pound \$2.75



EXTRA EARLY DWARF ERFURT CAULIFLOWER.

RED CABBAGE.

the best of all.

Early Blood Red Erfurt.—Heads hard, solid and of an intense blood-red color. Very early; valuable for pickling.

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Large Red Hollander. The best late red cabbage to date. The heads are very solid, of the richest deep blood-red, of medium size, fine ribbed and with but few outer leaves. It matures medium late and is a splendid keeper.

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Large Black-Red Dutch.—Large heads, round in shape, of deep black-red color, and remarkably hard and solid.

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Mammoth Rock Red.—The heads are as large as the Early Summer, very solid, and of dark red color.

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

SAVOY CABBAGE

Early Dwarf Ulm.—One of the earliest and sweetest of the Savoys. Heads round and solid; leaves small, thick, fleshy, of fine deep green color, and of most excellent quality.

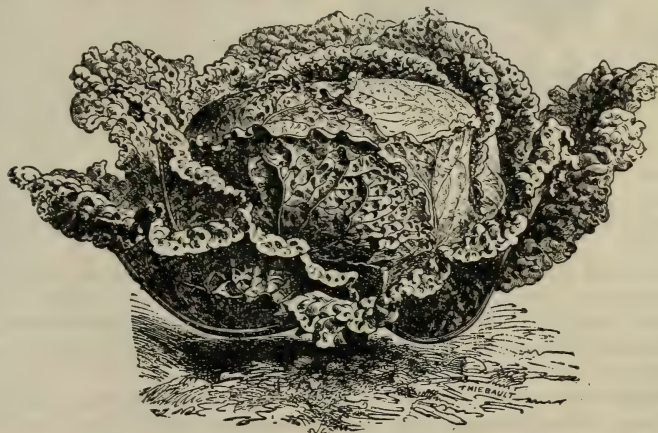
Packet 5c, ounce 15c, $\frac{1}{4}$ pound 50c

Blumenthaler.—Early, yellow, curled.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 50c

Large Late Vertus.—Late green curled. An excellent variety of fine flavor; heads large and showy.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 50c



SAVOY CABBAGE, LATE GREEN CURLED VERTUS

CAULIFLOWER

For spring and early summer use, sow about March 1st, in hot-bed, and transplant to cold frame when sufficiently large, and to the open ground as soon as ground is warm enough. For late autumn crop sow in the early part of May and transplant in June. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem. When heading tie outside leaves loosely over the heads to protect from the sun.



EARLY SNOWBALL CAULIFLOWER.

Haage's New Dwarf Early.—The best sort for forcing as well as for outdoor culture. It is exceedingly early and hardy and is the surest to make a solid, compact, large, pure white head, which stands the heat better than any other variety. *The Best for Early and Late Culture.*

Per packet 15c

Extra Early Dwarf Erfurt.—Long the standard of highest excellence, and not much surpassed by any variety for field culture. Large, firm, pure white. Plant short-joined with narrow erect leaves.

Per packet 10c,

(See half-tone illustration, plate 3.)

Early Snowball.—Admirable in all good qualities, extra early, good size, pure white, dwarf in habit, with few outside leaves.

Per packet 10c

Danish Snowball.—Beautiful large heads, which are solid, of fine and close grain and as white as snow.

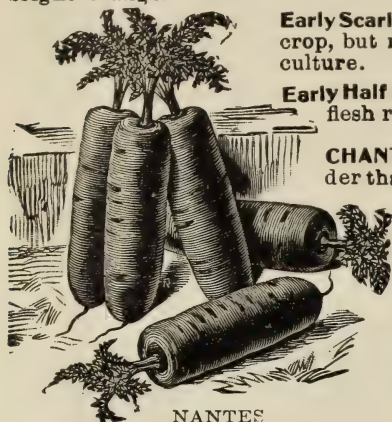
Per packet 10c

In no other seed does quality count for more than in Cauliflower. It is one of the seeds in buying which price should never be questioned. Our stocks are all of the finest quality, and are produced by the most experienced growers.

CARROTS.

One ounce 100 ft. drill: 3 lbs. per acre. For early crops sow as soon as ground can be worked, in drills one inch deep and one foot apart (3 feet for field culture), from middle of May until first of July, thinning four to eight inches according to varieties. Keep your plants well cultivated.

HALF LONG SCARLET NANTES.—(Stump Rooted). Roots cylindrical, smooth, bright orange. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c



NANTES

Early Scarlet Horn.—A old and favorite sort for early crop, but not large enough to be suitable for general culture. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

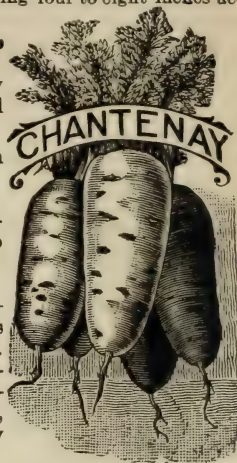
Early Half Long Scarlet Carantan.—The skin is smooth flesh red, and without any core or heart. Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

CHANTENAY OR MODEL.—Thicker at the shoulder than the Nantes. The flesh of a beautiful deep golden orange and tender. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

SELECTED CHANTENAY OR MODEL.—

This special strain of Chantenay Carrot is grown from selected, perfect roots only. It will run more uniform in shape and color than any other strain. It is the best early bunching Carrot, stump-rooted, smooth, of deep color, and fine grained. A heavy cropper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c

See half-tone illustration from photograph



OX HEART, OR GUERANDE.—It is intermediate as to length between the half-long varieties, (such as Danvers) and the Scarlet Horn, but much thicker, attaining a diameter of from three to four inches at the top. It is of fine quality for table use. Flesh fine grained, bright orange, and sweet. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

SELECT ORANGE DANVERS HALF LONG.—This strain of the Danvers Carrot is selected with greatest care. It runs remarkably true to the correct type, which is of deep orange color, of medium length and tapering uniformly to a blunt point. Sweet, crisp and tender. Pkt. 5c, ounce 10c, $\frac{1}{4}$ pound 30c

Orange Danvers Half Long.—Similar to above, and, though not quite so select, will compare favorably with other stocks. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Improved Long Orange.—The best of the long carrots; bright orange. Pkt. 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

Large White Belgian and Large Yellow Belgian.—These grow to a very large size and are excellent for stock feeding. Packet 5c, ounce 8c, $\frac{1}{4}$ pound 20c, pound 50c



SELECT ORANGE DANVERS HALF-LONG CARROT.



SELECT CHANTENAY OR MODEL CARROT.

CELERY



GOLDEN SELF-BLANCHING.

erson's Half Dwarf. Excellent flavor.

Boston Market.—It is very solid, white, of mild delicious flavor.

Culture. Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights however, in low, moist, rich bottom land. 1 ounce of seed for 2000 plants.

Golden Self-Bunching.—The beautiful appearance of the plant, with its close habit, compact growth and straight vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle, and of delicious flavor, surpassed by no other variety, while it has the decided merit of self-blanching to a very remarkable degree. Without any banking or covering whatever, even the outer ribs become of a handsome, fresh, yellowish white color. The heart is large, solid and of a beautiful rich golden yellow color. Per packet 10c, ounce 30c

The Best of the Standard Celeries.

	Pkt.	Oz.
White Plume. —Naturally white, so that it requires very little earthing up.....	\$0 05	\$ 15
Evans' Triumph. —Very strong and vigorous plant with large, very white, crisp, brittle, tender and fine flavored stalks. It is late and requires the whole season to develop but will keep longer than any other sort.....	05	20
Fin de Siècle. —It is the largest, hardiest, solidest, crispest, best keeper and best shipping winter Celery we know of.....	05	20
Giant Pascal. —Rich, nutty flavor, excellent for shipping. Good keeper.....	05	15
Crawford's Half Dwarf. —Also known as <i>Hen-</i>	05	15
	05	15

CELERIAC OR TURNIP ROOTED CELERY

Culture. Sow the seed in February or March and give same treatment as common celery. Transplant the young plants to moist, rich soil, in rows two feet apart.

Large Smooth Prague. An improved form of turnip-rooted celery, producing large and smooth roots, which are almost round, and with very few side roots. Plants vigorous, with large, deep green foliage. Packet. 5c, ounce. 15c

Apple Shaped.—A good variety with small foliage, and large tubers almost round in shape and smooth. Per packet 5c, ounce 15c

"Delicatess"—Produces perfectly smooth, oval-shaped roots without side roots. The flesh is snow-white, tender, and of most delicious flavor. This Celery will produce good roots even on poor soil. Packet 5c, ounce 25c



LARGE SMOOTH PRAGUE.

CORN SALAD OR VETTICOST

Broad Leaved.—(LARGE SEEDED). Used as a small salad throughout the Winter and Spring. Sow thickly in drills, cover slightly first of Autumn and sprinkle with straw on the approach of severe weather, or sow in cold frames; thus it is accessible even when deep snow prevails.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

CRESS. Curled, or Pepper Grass. This small salad is much used with lettuce, to which its warm, pungent taste makes a most agreeable addition. The seed should be sown in drills about sixteen inches apart, on very rich ground, and the plants well cultivated. It may be planted very early, but repeated sowings are necessary to secure a succession. Per packet 5c, ounce 8c

True Water. This is quite distinct from the last, and only thrives when its roots and stem are submerged in water. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small rapid streams, and the plants will need no subsequent culture, as under favorable conditions they increase very rapidly by self sown seed and extension of the roots. Per packet 5c, ounce 30c

CORN.

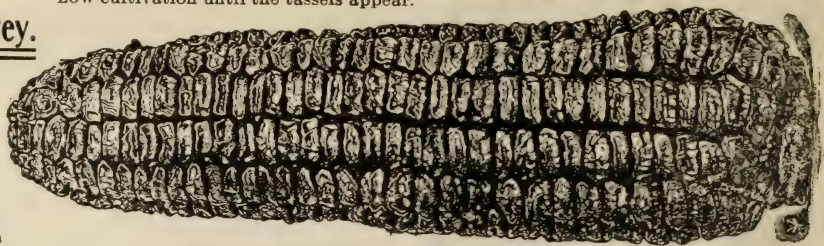
Mammoth White Corey.

The Largest and Best
EXTRA EARLY SWEET CORN.

**NOTHING EARLIER,
NOTHING BETTER,
NOTHING LARGER,**

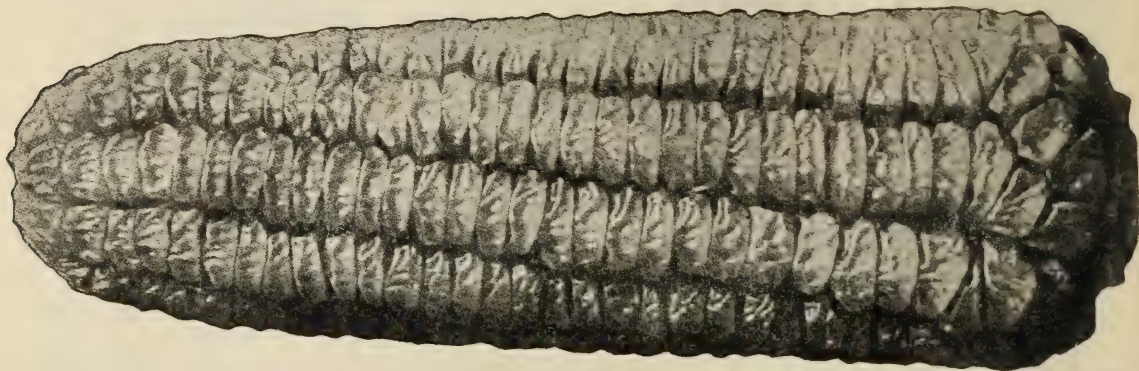
The ears are 12 rowed,
much larger than the
old Cory, and covered
with large, white grains of good quality.

The Beauty and Quality of this variety give it ready sale even when the market is over stocked. Gardeners should not fail to make their first plantings of this best of extra early sorts.



MAMMOTH WHITE COREY.

½ pint 10c, pint 15c, quart 25c



PEEP O'DAY CORN

PEEP O'DAY.—The two points in which this corn is most remarkable are its extraordinary earliness and unparalleled sweetness, surpassing in these particulars any other known variety. By arranging the plantings a week or two apart, you may have this delicious corn throughout the entire season. It is wonderfully productive, stalks bearing from two to five ears each.

Packet 5c, ¼ pint 10c, pint 15c, quart 25c, 4 quarts 75c

GOLDEN BANTAM.—ONE OF THE EARLIEST AND BEST OF EXTREME-EARLIES. DELICIOUS IN FLAVOR Exceptionally hard and firm, hence can be planted earlier than any other true Sweet Corn. Dwarf and sturdy, growing to a height of four feet, and bearing two and three good ears, five to six inches long, well filled to the extreme rounded tip with eight rows of broad yellow grains. As distinct in flavor from that of white varieties as in color,—being almost literally “sweet as honey”.

Packet 5c, ¼ pint 15c, pint 20c, quart 40c, 2 quarts 75c, 4 quarts \$1.25

COUNTRY GENTLEMAN.—One of the finest sweet corns for private use. A short stalked, productive sort, frequently producing three ears to the plant. Ears large for so small a stalk; grain narrow and very deep, after form of shoe-peg. Highly recommended as one of the very best.

Packet 5c, ¼ pint 10c, pint 15c, quart 25c, 4 quarts 75c

Early Evergreen.—A valuable variety for market gardeners and the home garden. It ripens 10 days in advance of Stowell's Evergreen, and in quality is fully as good. Ears about 8 inches long with 12 or more rows of kernels, which are sweet and tender. Pkt. 5c, ¼ pt. 10c, pt. 15c, qt. 25c, 4 qts. 75c



EARLY EVERGREEN CORN.

ORDER SHEET FOR SEEDS, ETC.

W. E. DALLWIG, 34 Juneau Ave., Milwaukee, Wis.

**WE PAY
POSTAGE OR
EXPRESS
CHARGES ON
ALL SEEDS
BOUGHT BY
THE OUNCE
OR PACKET**


Send by.....
(State here if wanted by *Express, Freight or Mail.*)

To (Name)

Post Office Express Office (if different from P. O.)

County State

Amount Enclosed, \$ *Date* 190.....

 W. E. Dallwig gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants he sends out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. W. E. Dallwig.

Amount carried over,

CORN. CONTINUED.

	Pkt.	$\frac{1}{2}$ Pt.	Pt.	Qt.	$\frac{1}{2}$ Pk.
Early Minnesota Sugar. —A variety certain to give satisfaction. Kernels tender and sweet. Color white.....	05	10	15	25	75
Perry's Hybrid. —A very fine medium early variety.....	05	10	15	25	75
Zig Zag Evergreen. —Sweeter, more productive, and remains fit for use longer than Stowell's Evergreen. Unequaled for canning. The best large eared, late sweet corn in cultivation.....	05	10	15	25	75



Stowell's Evergreen.—A favorite among the late sugar corns. Matures for table in about 80 days from germination. Vigorous growth. Excellent for market.....

05 10 15 25 75

IF SWEET CORN IS WANTED BY MAIL ADD 5 CENTS PER PINT, 10 CENTS PER QUART FOR POSTAGE

All our Sweet Corn is hand-picked, all imperfect and under-sized seeds being carefully removed

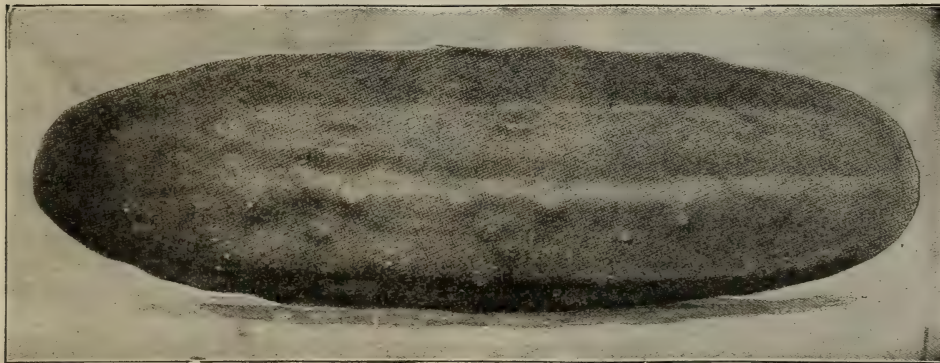
CUCUMBERS

The Cucumber is a tender annual and should never be planted in open ground unless settled weather arrives, for general crop about the middle of May. For pickles, plant from middle of June to the middle of July. By far the best results are obtained from plantings in warm, rich sandy loam. Prepare hills 4 feet apart each way, and mix with the soil of each a shovelful of well rotted compost. Sow thickly, and when all danger of insects is past ("Slug Shot" is sure death to the striped cucumber beetle), thin out all but three or four of the stockiest vines in each hill. As the cucumbers attain a sufficient size, both the perfect and the imperfect specimens should be picked at once, as fruit left upon the vines to ripen soon destroys their vitality, and consequently their productiveness.

IMPROVED EARLY WHITE SPINE.—Uniformly straight and handsome dark green with a few white spines.

ARLINGTON WHITE SPINE.—A strain of White Spine especially recommended for fine shape, uniformity of size, and dark green color. Desirable sort for forcing.

EVERGREEN, OR LONG WHITE SPINE.—The vine is vigorous and productive. The fruit is long,



cylindrical, dark green, with white crisp and tender flesh. Always remains deep green color. Best slicing sort. Excellent for culture under glass.

Fordhook Famous.—The fruit is perfectly

EVERGREEN WHITE SPINE

smooth and very dark green, 12 to 17 inches long, straight and solid. Flesh greenish-white, firm and crisp, an enormous cropper and a handsome table fruit, which never turns yellow.

IMPROVED LONG GREEN.—A standard sort for outdoor culture; dark green, firm and crisp, tender and very productive; of uniform size, about twelve inches long. We offer a carefully selected strain.

All varieties of Cucumbers on this page, packet 5c, ounce 10c, $\frac{1}{2}$ pound 30c, pound 90c

CUCUMBERS **Continued**

NICHOL'S MEDIUM GREEN

from 15 to 18 inches long when matured.

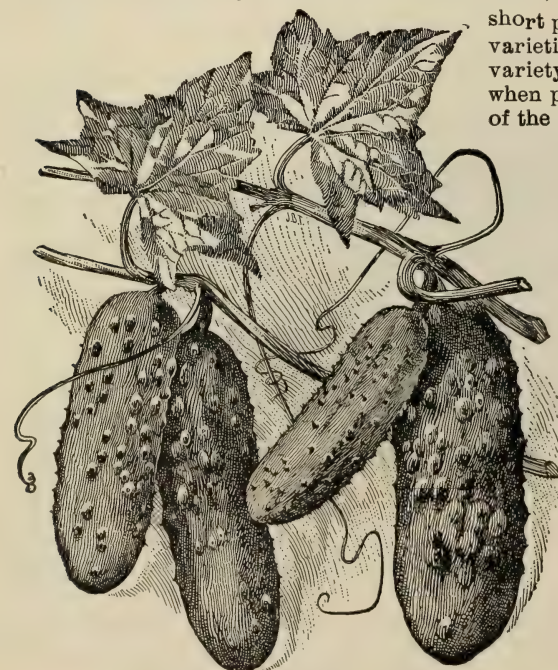
Chicago Pickle.—Undoubtedly the best cucumber for pickles. Fruit of medium length, pointed at both ends, with large and prominent spines; color deep green.

Cumberland.—This new variety is of the hardy white spine type, is a rapid, strong, and vigorous grower and very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme stem end. The form is exceptionally straight and symmetrical, thus being as choice for a slicing variety as it is for pickles. The flesh is solid, crisp, tender, and of excellent quality at all stages of growth.

Jersey Pickle.—Very crisp and tender. Said to "green" better than any other variety.

Short Prolific Pickle.—Recommended for pickling.

PRESSING PERFECTED PICKLING.—We believe this new cucumber is just what many picklers want,



PRESSING PERFECTED PICKLING

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 35c



CHICAGO PICKLE

short pickles which will pack in bottles better than other varieties. The small cucumbers of this splendid new variety are short, cylindrical and blunt ended, making when packed in bottles, very handsome, showy pickles of the very best quality. The vines are vigorous, setting their fruit early and are very productive.

Japanese Climbing.—Ten to twelve inches long, of fine green color; extra long vine. Very prolific.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c

Bismarck Forcing.—One of the best to grow under glass. Fruit long, slender, dark green.

Packet 10c

Noa's Forcing.—Excellent prolific sort for growing under glass.

Packet 10c

All varieties on this page, except where noted, Packet 5c, ounce 10c, $\frac{1}{4}$ pound 30c, pound 90c

DANDELION

Improved Thick Leaved.—This is fast becoming a favorite spring green. Sow early in spring, in drills 18 inches apart; thin plants to 5 inches in the row; they will be fit for cutting the next spring.

Packet 5c, ounce 50c

DILL

Aromatic odor and warm, pungent taste; added to pickled cucumbers to flavor.

Packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c



KOHLRABI, DALLWIG'S STAR OF THE MARKET.



DALLWIG'S DWARF GREEN CURLED KALE.



MAY-KING LETTUCE (See description under novelties).

EGG PLANT.

sun, drought, weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. Use *Slug Shot* if you notice potato bugs on your egg plants.

Thornless Round Purple.—This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for market gardeners. It often reaches a weight of 12 pounds. It is nearly round, high-colored and the vine is thornless.

Per packet 5c, ounce 30c



EGG PLANT.

Endive

A tender and delicious salad for fall and winter use. Comes in after lettuce is gone. Should be sown in June or July and when nearly grown the tips are tied together to blanch the heart and remove the bitter taste.



ENDIVE.

Dallwig's Yellow Curled.—A very beautiful sort in which the leaves are very light colored, even the outer ones being nearly white. Plant moderately dense with divided leaves.

Yellow Moss Curled.—

Yellow Broad Leaved.—

Dallwig's Green Curled.—This is the hardest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched and become very crisp and tender and fine flavored.

Green, Curled Edge.—

Green Moss Curled.—

" Broad Leaved.—

Per pkt. 5c, ounce 15c

KALE.

1 oz. to 1,500 plants. Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The center leaves are used as spinach, and are much improved by frost.

Dallwigs's Dwarf Green Curled.—Plant low and compact, but with large leaves curled, cut and crimped until the whole plant resembles a bunch of moss. It would be well worthy of its cultivation simply for its beauty. One of the best sorts for use, and when grown and cooked is one of the most palatable of vegetables. (See half-tone plate 5).

Packet 5c, ounce 15c

KOHLRABI.

1 oz. to 1,500 plants. Grown for its turnip-shaped bulb which should be used when young and tender. It contains the flavor of Cabbage and Turnip and when properly prepared is one of the most delicious of vegetables. Sow in light, rich soil as early as possible, in drills 16 inches apart, and when well established, thin to 6 inches apart in row.



GIANT CARANTAN.

Dallwig's Star of the Market.—Much superior to Vienna. It is very early and the best for forcing as well as for outdoor culture. Bulb greenish-white, smooth, of finest texture and quality. Favorite Market Gardner variety. Pkt. 5c, oz. 20c

Early White Vienna.—A good market sort; flesh white and tender.

Packet 5c, ounce 15c

Early Purple Vienna.—Differs from the above in color only. Pkt. 5c, oz. 15c

Large Late Green.—Hardy and late. **Large Late Purple.**—

Packet 5c, ounce 15c

Packet 5c, ounce 15c

LEEK.

Sow very early in the spring, in drills six inches apart and one inch deep. Thin out to one inch. When about seven inches high, transplant them in rows twelve inches apart, and as deep as possible, but do not cover the young center leaves. Water thoroughly if dry when planted out. Draw up to them when they grow; rich soil is required.

Brabanter (Imported).—A large growing variety, with broad thick leaves.

Packet 5c, ounce 10c

Giant Carantan.—A mammoth growing variety, often 3 inches in diameter, of excellent quality, becoming very white and tender. Pkt. 5c, oz. 10c

Musselburgh.—Grows to a large size. Flavor mild and pleasant. Pkt. 5c, oz. 10c

LETTUCE LOOSE LEAVED VARIETIES

One Ounce will Sow 150 feet of Row

Black Seeded Simpson.—One of the best and most popular varieties, as it is attractive, of excellent quality, and continues a long time in condition for use. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Grand Rapids.—The best sort for shipping. Stands more neglect in watering and ventilation, will grow more weight on the same ground and will stand longer after matured, than any other sort. Of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. The seed we offer is true Grand Rapids. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Earliest Cutting.—Medium sized, early variety for cutting, keeps right on growing. Pkt. 5c, oz. 10c



BLACK SEEDED SIMPSON.



ERFURT MAMMOTH YELLOW.

variety. Very large, solid heads of yellowish-green color.

German Incomparable.—Very large and solid. Edges of leaves account of its long standing qualities.

Golden Spotted. Golden yellow beautifully spotted brown.

Mammoth Black Seeded Butter.—A selected strain with large, solid yellow heads. Favorite market gardener variety.

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 45c

New Forcing.—The U. S. Department of Agriculture says in part of this Lettuce: "Highly recommended to market gardeners as an excellent forcing sort of the butter class. For a lettuce of its size no variety grew better at Washington than this one. For compactness, solidity, and fine form no variety is more desirable." Seed for Department tests was furnished by us. Pkt. 5c, ounce 15c, $\frac{1}{4}$ lb. 50c

Paris Sugar.—Very large, solid and tender. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c

Prize Head.—Excellent home variety; tender and crisp, sweet in flavor. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c

Salamander.—Good-sized, compact heads; withstands drought and heat. Pkt. 5c, oz. 10c

HEAD LETTUCE

Asiatic.—Large yellow. Pkt. 5c, ounce 15c, $\frac{1}{4}$ lb. 35c

Big Boston.—A splendid shipper, sure header, reliable, and hardy. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 35c

Brown Head.—Bright brown, interspersed very strikingly with bright green in less exposed or in depressed parts. Buttery and tender. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c

Deacon.—Large and very solid heads of an attractive light green color. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 30c

Emperor Forcing.—Yellow, very early, for forcing only. Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Erfurt Mammoth Yellow.—Large and very firm. Leaves yellowish green bordered yellowish white. Quality excellent; delicate, sweet, buttery in flavor.

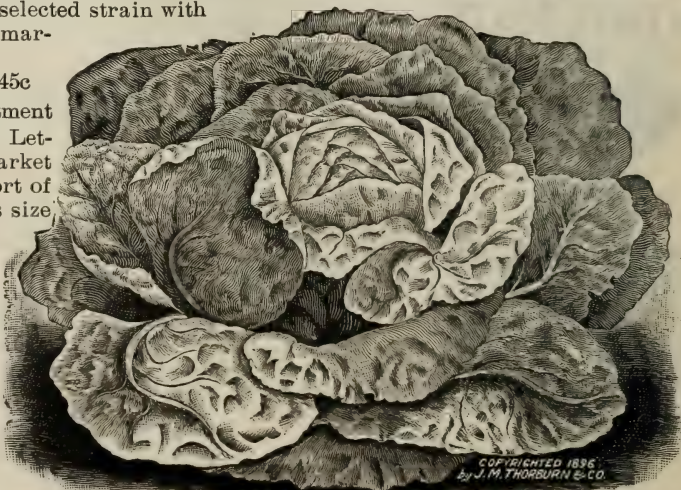
Packet 5c, ounce 20c, $\frac{1}{4}$ pound 65c

Dallwig's Defiance Summer.—Absolutely the best for summer use. Stands heat better than any other

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 45c

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 35c



MAMMOTH B. S. BUTTER.

HEAD LETTUCE

Continued

yellow color no variety is more beautiful or desirable than this one. Heads rather small, but very compact and solid, and of superb quality.

Stubborn Headed Yellow.—Large; one of the best varieties for general use; long standing before going to seed.

Silverball.—Silvery-white, very rich, buttery and of a most delicious flavor. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 30c

Stonehead Golden Yellow.—For a rich, golden-

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c



ROCKY FORD.

cellent quality and delicacy of flavor. Flesh light green, exceedingly sweet, and fine grained.

MUSK MELON

Musk Melons thrive best in a warm, rich, sandy loam. After thorough spading or plowing make hills 5 feet apart each way, and mix with the soil of each 2 shovelful of well rotted compost. As soon as warm weather becomes established, plant 12 seeds in a hill; thin out when all danger from insects has passed, leaving 3 of the stockiest plants to a hill. Use Slug Shot to kill bugs.

Green-Fleshed Sorts

Champion Market.—Large, almost perfect globe, densely netted, light green, sweet flavored.

Early Hackensack.—Very sweet and juicy.

Montreal.—Large light green; late.

Netted Gem.—Thick-meated, fine luscious flavor; very early.

Netted Nutmeg.—Sweet green, very early.

Rocky Ford.—Has attained national fame for dainty appearance, ex-

YELLOW-FLESHED VARIETIES

Osage.—Exceedingly sweet and high-flavored. The most popular of all, and styled the "Queen of Melons". Slightly netted, medium sized and cocoanut-shaped. Flesh of rich salmon color.

Tip Top. Tip Top in Quality Tip Top in Appearance Tip Top in Productiveness

Sweet, juicy, finest flavor, firm (but not hard) fleshed, and edible even to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted.

Paul Rose. Handsome Shape Good Shipper

Always of Good Quality

The fruit is oval, about five inches in diameter. The firm flesh is a rich orange red color. The firm solid flesh and strong rind make it the best shipper we know of, while it is just the size for hotel and table use.

PRICES

ALL MELONS LISTED
ON THIS PAGE

Packet 5c, ounce 10c,
 $\frac{1}{4}$ pound 25c



PAUL ROSE MELON.

MUSTARD

White London.—Best for salads. $\frac{1}{4}$ pound 10c, pound 20c

OKRA

Cultivated for its young seed pods which are used in soups or stewed and served like asparagus. The pods, when young and tender, may be sliced in sections and strung on a thread and hung up in the shade to cure; in this condition they can be used for soup at any time. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c



CITRON.

WATER MELON

Treat the same as Musk Melon, except that they should be planted 8 feet apart.

Cuban Queen.—Bright red, solid and heavy; good quality.

Extra Early.—Fine quality, medium size, flesh red.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Kolb's Gem.—Light green, flesh bright red; rich and sweet; a good shipper.

Mountain Sweet.—Standard sort; good flavor, large size.

Sweet Heart.—Popular shipping melon. Large, oval, very heavy; rind thin but firm. Flesh bright red, firm but very tender, melting and sweet.

Preserving Citron.—A round melon used for preserving.

PRICES: Above varieties, except when otherwise noted: Packet 5c, ounce 8c, $\frac{1}{4}$ pound 20c



MUSHROOMS.

MUSHROOM SPAWN

Mushrooms are easy to grow and beginners are often as successful with them as are those having an extensive experience. There is a widespread impression that there is some secret in the cultivation of mushrooms, that the whole procedure is shrouded in mystery, and that the mushrooms have even to be grown in midnight darkness; but this is a mistaken idea. A suitable place is almost anywhere under cover in a temperature below 65 degrees. Total darkness is not imperative, for they grow well in open light if shaded from sunshine. With each order we furnish free our leaflet, "How to Grow Mushrooms", giving plain, concise directions. By following these, anybody can grow this most luxurious and highly prized of all vegetables. We receive five shipments of spawn yearly, so that we have fresh stock always on hand.

English Mushroom Spawn. Comes in bricks weighing about $1\frac{1}{4}$ pounds each. We receive frequent shipments, thus insuring our customers fresh stock.

Per pound 12c, 10 pounds \$1.00, 25 pounds \$2.00

Pure Culture Spawn. This is the result of careful and scientific experimenting, and represents the highest development in spawn making. The process of production insures freedom from inferior types, increasing the yield, size, and quality.

Per pound 15c, 10 pounds \$1.25, 25 pounds \$2.75

If to go by mail, add 8 cents per pound for postage

ONION

OUR STOCK IS FULLY EQUAL TO ANY AND SUPER-
IOR IN QUALITY TO MOST THAT IS OFFERED.

A deep, rich loam is best suited to Onions. The ground should be heavily dressed with well-rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order, harrow thoroughly and make as level as possible; sow thinly in drills, one-fourth inch deep and twelve inches apart. Keep the surface of the ground open, and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.

YELLOW GLOBE DANVERS.—Decidedly more globular in form than the original Yellow Danvers, thus giving larger yields and handsomer bulbs without sacrificing any of the good qualities.

Packet 5c, ounce 20c

Southport

Yellow Globe

A large handsome globe-shaped yellow variety, very productive, of mild flavor. The outer skin is a beautiful pale yellow; the bulbs are good keepers, uniformly thin-necked, insuring thorough ripening.

Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c

Yellow Danvers.—A fine, productive, flat variety of medium size; skin straw colored, the flesh white, comparatively mild, and well flavored. An excellent keeper.

Packet 5c, ounce 20c

Large Yellow Strassburg.—A good keeper, valuable for shipping. Pkt. 5c, oz. 20c

GIANT ROCCA.—A large globe-shaped onion. The flesh is very sweet and mild. This variety ripens evenly and does well in both northern and southern climates. We offer the yellow variety.

Packet 5c, ounce 20c

Mammoth Yellow Spanish, or PRIZETAKER

A very handsome onion

Packet 5c, ounce 20c



SOUTHPORT YELLOW GLOBE

of the largest size and nearly globular in form. Skin is yellowish-brown; flesh white, mild and tender. It is one of the best of the large sorts.

AILSA CRAIG

One of the largest of onions. It is a very handsome oval shaped variety with pale straw-colored skin. Is very productive, a good keeper for so large an onion, and has a mild and agreeably pungent flavor. To attain largest size it should be sown early in hotbed and later transplanted. For exhibition purposes it is unexcelled. Packet 5c

Australian Brown.—Of medium size, wonderfully hard and solid. Ripens early and never makes any stiff necks. The color of the skin is a clear amber brown.

Packet 5c, ounce 20c

Southport Red Globe

Of medium size, globe shaped with small neck, very deep rich red color, and of superior quality. A large producer and good shipper.

Packet 5c, ounce 20c



AILSA CRAIG



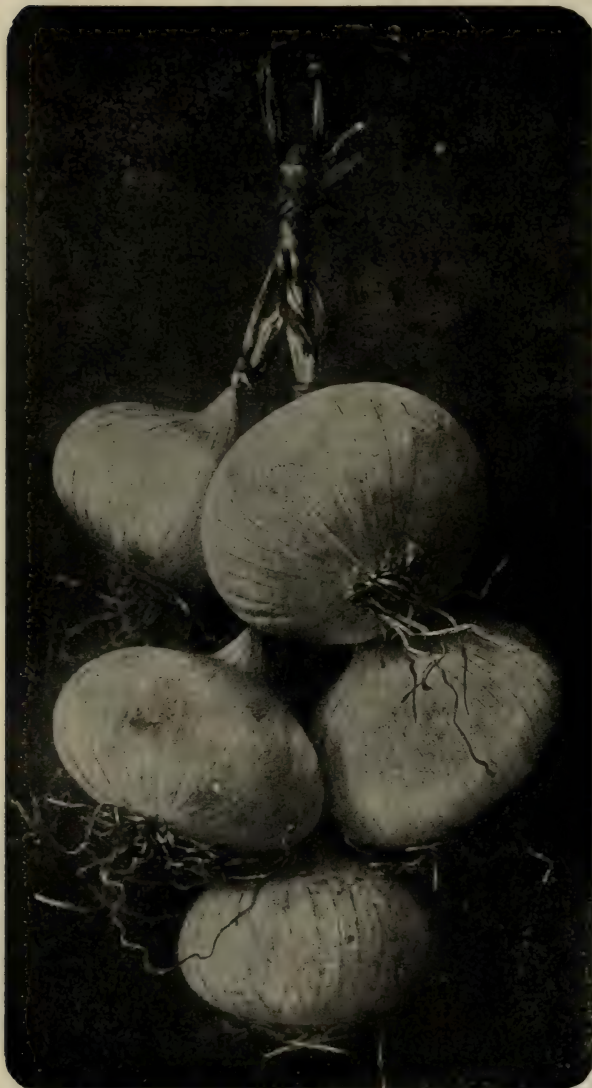
MICHIGAN YELLOW GLOBE ONIONS

MICHIGAN YELLOW GLOBE

PERFECT SHAPE BEST COLOR GREATEST YIELDER

The largest crops of onions are always produced on rich, black lands. On such soils it is found that a globe-shaped onion gives the largest returns, and to meet the demands of the professional onion grower located on such lands, we offer this variety. The bulbs are large, and uniformly spherical, with very small necks; of a rich orange-yellow color; enormous yielders and splendid keepers. No onion grower can afford to plant inferior seed, when such as this can be procured.

Packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c



WHITE QUEEN

for pickling. They grow small and can be sown thickly. It is best to dry the onions as soon as dug.

EXCELSIOR PICKLING.—This is an early, small, round, hard variety, with an opaque, white skin. Crisp, tender, and very handsome.

Packet 5c, ounce 20c

Round White Silverskin Pickling.—Early, round variety, with opaque white skin. An excellent sort for bunching or pickling.

Packet 5c, ounce 20c

EARLY WHITE WELSH.—For Green Onions. This sort does not form a bulb, but is one of the best kinds for "Green Onions". The plants are perennial.

Packet 5c, oz. 20c



ONION SETS

Onion Sets may be planted as early in the spring as the condition of the ground will permit, and they will produce onions in the green state by June.

Set about 4 inches apart. One quart to 100 feet of drill. **Yellow, White and Red Sets. Multipliers. True Tops.**

ONION

CONTINUED.

Wethersfield Large Red.—Large, deep red flat variety. Productive, good keeper.

Packet 5c, ounce 20c

Southport White Globe.

Yields abundantly, producing handsome and uniformly globe shaped bulbs. The flesh is firm, fine grained, of mild flavor, and as a table variety its clear white color is exceptionally attractive. Our strain has no superior in uniformity and beauty of shape and color. Pkt. 5c, ounce 25c

WHITE PORTUGAL, OR SILVER SKIN.

One of the leading white sorts, of beautiful shape and very mild flavor. The bulb is flat in shape and matures early. It is a splendid variety both for family use and the market gardener, and is very largely used for sets on account of its fine shape, and also for its good keeping qualities. It is also extensively used as a pickling onion, for which purpose it seems to be finely adapted.

Pkt. 5c, ounce 25c

Giant White Italian Tripoly.—A large, beautiful, pure white, flat onion of mild and excellent flavor. Will produce a somewhat larger bulb from seed than our White Portugal, but to attain full size the seed should be started very early in a hotbed and the plants set out in rich soil.

Packet 5c, ounce 20c

Mammoth Silver King.—A beautiful silvery onion, of great size and weight. Form a depressed globe. Fresh snowy white meat, delicate, sweet and tender. It matures early.

Packet 5c, ounce 20c

Extra Early Bloomsdale Pearl.—Earliest of all, growing with rapidity of a summer radish. Pearly white, waxy, translucent, form flat and broad. Flavor very mild, indeed, it can be eaten raw almost with the freedom of an apple. On a very rich soil it will grow sometimes 5 and 6 inches across the top.

Packet 5c, ounce 25c

White Queen.—A rapid growing variety of mild flavor; pure white, and splendid

Packet 5c, ounce 20c



EXCELSIOR PICKLING



PARSLEY. Requires rich, mellow soil. The seed is slow in germinating, and should be sown as early in the spring as possible, in drills one foot apart. When the leaves become old and dull they may be cut off and the plant will start a new growth which will be brighter and better curled.

Plain Parsley.—Leaves longer than the curled. Pkt. 5c, oz. 6c, $\frac{1}{4}$ lb. 15c

Early Moss Curled.—Leaves beautifully curled, light green, extra fine for garnishing. Very compact. Packet 5c, ounce 8c, $\frac{1}{4}$ pound 20c

Moss Curled Turnip Rooted.— Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Early Turnip Rooted Sugar.—

Long Smooth Turnip Rooted.—

The roots are used for flavoring soup.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c



EARLY MOSS CURLED PARSLEY.

the ground. A heavy cropper.

Hollow Crown.—Smooth, tender and sugary. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Magnum Bonum.—A smooth, productive variety of delicate flavor. Not as long as Hollow Crown, but somewhat thicker. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

PARSNIP

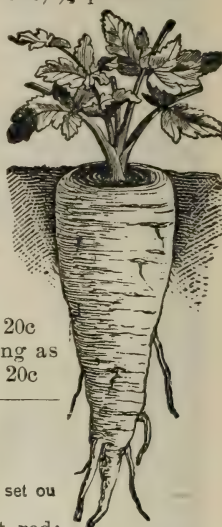
Sow as early in the spring as weather will permit in drills 15 inches apart, covering half an inch deep.

Improved Guernsey.—This is a half-long, wedge-shaped variety, broad at the shoulder, and easily taken out of

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c



PARSNIP.

PEPPER

Sow in hotbeds or boxes in the house, and set out about the last of May, in warm, rich soil.

Bell, or Bull Nose.—Large bright red; largely used for pickling.

Cayenne Long Red.—Fruit long, slender, bright red, very hot and pungent; productive.

Large Sweet Spanish.—The large red variety generally used for salad; very sweet and mild; bell shaped.

Ruby King.—A large variety of Sweet Spanish; very showy, symmetrical; of a bright ruby red color; best for stuffing.

ABOVE VARIETIES

Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c

New Upright Sweet Salad.—Handsomest, most productive and finest quality Pepper yet produced.

Large, smooth, thick fleshed, mild and very sweet. Bright scarlet in color. The Packet 10c



LARGE BELL, OR BULL NOSE PEPPER.

fruit is borne upright, and held clear of the ground.



RUBY KING PEPPER.

PEANUTS. **Mammoth Virginia.**—The most profitable variety to grow, and more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage and the largest pods and kernels of any variety; also fewer imperfect pods. Packet 5c, $\frac{1}{4}$ pound 10c, pound 30c

PEAS.

Peas mature earliest in light rich ground; for the main crop a moderately heavy soil is best. Commence sowing the early sorts as soon as the ground can be worked, and continue for a succession every two weeks until August.

Prices do not include postage; if to go by mail add at rate of 15c per quart.

All Peas 5c per Packet.

Landreth's Extra Early.—Everywhere the standard for earliness, maturing for table forty-five days from germination and frequently, under peculiar conditions, in thirty-eight days. Vines 2 feet high, sticks not necessary. May be planted in August and still produce a crop. Per pint 13c, quart 25c

PEAS.

(Continued.)

Extra Early Market.—Since we introduced this pea some years ago we have thoroughly satisfied ourselves that this is the earliest and most even stock of White

Extra Early Peas in existence, maturing so well together that a single picking will secure the entire crop, making it the most valuable pea for the market gardener. Vines vigorous and hardy, *extremely prolific*, the pods being numerous, and well filled with peas of good size and delicious flavor. The seed is yellow.

Per pint 15c, quart 25c

Alaska.—Seven days earlier than most early sorts, of larger size and ten per cent more productive. Grow about 2 feet high and bear 4 to 7 long pods which are filled with medium-sized, bright green peas, of excellent flavor.

Per pint 15c, quart 25c

American Wonder.—A popular dwarf, early, wrinkled pea.

Per pint 15c, quart 30c

Nott's Excelsior.—This is a very fine new extra early dwarf wrinkled Pea, the pods average fully one-

The Best Early Dwarf Pea. third larger than the *American Wonder*, and while perhaps not quite so early, by a few days, are all ready for picking at one time. Each pod contains six to eight large peas, which are of *unusually sweet* flavor. So closely are the peas packed in the pods that they are flattened against each other. A most desirable sort for the market gardener, and unsurpassed for the home garden.

Per pint 15c, quart 30c

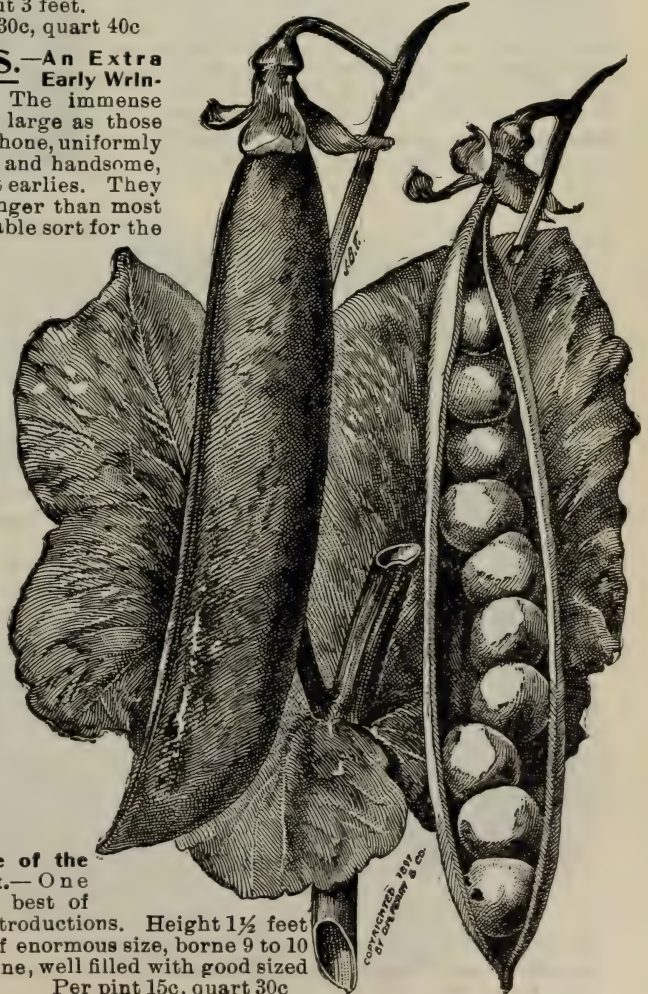
"Thomas Laxton."—Even superior in earliness, hardiness and large size of pod to *Gradus* which is one of its parents. Notwithstanding its great earliness, the pods are fully as large as *Telephone* and well filled with large luscious peas. Height about 3 feet.

Pint 30c, quart 40c

GRADUS.—An Extra Early Wrinkled Pea.

The immense pods are as large as those of the *Telephone*, uniformly well shaped and handsome,

and more attractive than those of other first earlies. They ripen slowly and continue fit for use much longer than most varieties, making this by far the most desirable sort for the home garden. The peas are large, of splendid quality and beautiful color which they retain after cooking. **Every gardener should try it.** Per pint 25c, quart 40c



Pride of the Market.—One of the best of late introductions. Height 1½ feet pods of enormous size, borne 9 to 10 on a vine, well filled with good sized peas.

Per pint 15c, quart 30c

CARTER'S TELEPHONE PEA.

THOMAS LAXTON PEA.

PRIDE OF THE MARKET PEA.

PEAS.

(Continued.)

Surprise.—Possesses the quality of the American Wonder and is as early as the Earliest of the Hard Peas. The young vines grow 24 inches high and need no bushing, the pods are well filled containing 6 or 7 peas. The Peas are not as large as those of the American Wonder, but **Surprise** is a far better cropper and ready for market **days before**.

Per $\frac{1}{2}$ pint 10c, pint 20c, quart 30c

Premium Gem.—An improvement upon the Little Gem, larger and more productive.

Per pint 15c, quart 30c

Improved Tom Thumb.—Vine bushy, growing to a height of five to eight inches.

Per pint 15c, quart 25c

Dwarf Telephone.—Vines about 18 inches high. Dwarf, vigorous growth; very productive. Pods 5 inches long, filled with pale green, deliciously flavored peas.

Per pint 15c, quart 30c,

TELEPHONE.—Vine vigorous, growing about four feet high, with large, coarse leaves. **Pods very large, filled with immense peas, which are tender, sweet and of excellent flavor.** Notwithstanding the large amount of inferior and spurious stock which has been sold, no pea of recent introduction gained more rapidly in popularity than this, thus showing that it has **sterling merit which gardeners appreciate.** The stock we offer is prolific and has been carefully selected.

[Illustration page 21.]

Per pint 15c, quart 25c

Duke of Albany.—Immense pods of dark green color on style of Telephone. Pt. 15c, qt. 30c



THE NEW SURPRISE PEA.



DUKE OF ALBANY

should be used in the same way as wax beans.

Imported Dwarf Sugar, Fuerst Bismarck.—Early, dwarf, $1\frac{1}{2}$ feet high, fully a week earlier than any other Sugar Pea.

Pint 25c, quart 50c

IF PEAS ARE WANTED BY MAIL, ADD 8 CENTS PER PINT, 15 CENTS PER QUART FOR POSTAGE

IMPROVED STRATAGEM.—We have a stock of this which comes true and we do not hesitate to pronounce it one of the best of the large podded sorts. The pods are of largest size, and uniformly filled with large, dark green peas of the finest quality. One of the very best wrinkled varieties for market gardeners.

Pint 15c, quart 30c

All Peas 5c per packet.

Prices of Peas in Large Quantities

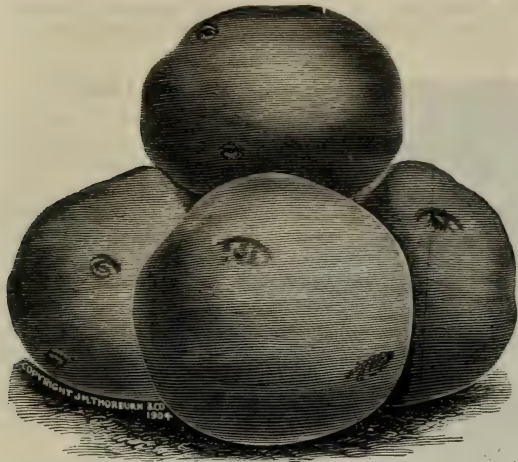
	$\frac{1}{4}$ Pk.	Pk.	Bu.
Landreth's Extra Early.....	90	1 60	5 00
Extra Early Market.....	65	1 25	4 25
Alaska.....	65	1 25	4 25
American Wonder.....	90	1 60	6 00
Nott's Excelsior.....	95	1 75	6 50
Thomas Laxton.....	1 10	2 00	7 50
Gradus.....	1 25	2 25	8 50
Surprise.....	80	1 50	5 50
Premium Gem.....	90	1 60	6 00
Pride of the Market.....	80	1 50	5 50
Dwarf Telephone.....	1 10	2 00	7 00
Telephone.....	90	1 60	6 00
Duke of Albany.....	90	1 60	6 00
Improved Stratagem.....	1 10	2 00	7 00

Sugar Peas with Edible Pods

Imported Mammoth Tall Sugar.—An edible podded variety, growing about four feet high. Pods are very large, sweet and tender. The pods being edible, they

Pint 25c, quart 50c

Pint 25c, quart 50c



NOROTON BEAUTY

earlier than the Early Rose. Yet fully as productive as any main-crop or late sort. This combination of extreme earliness, productiveness and keeping qualities has never before been attained. It is handsome in appearance and more uniform in size and shape than any other variety. The tubers

WHITE OHIO



one third. They keep firm until late in spring.

Early Rose.—We claim for our stock of this well-known variety extra earliness and better yielding qualities than found in the average stock.

Sir Walter Raleigh.—Very productive late variety; white flesh of best quality.

Rural New Yorker No. 2.—Very few and shallow eyes; pure white flesh; immense yield; fine quality; late.

PUMPKIN

Mammoth Tours.—A French variety of immense size. Pkt. 5c, oz. 10c

Sugar.—Small, round Pumpkin, with deep orange-colored skin, flesh sweet and sugary. Pkt. 5c, oz. 10c

Common Field.—Used for cattle feeding; very productive sort.

‡ pound 10c, pound 25c

POTATOES

—One peck will plant about 125 hills—

Our seed potatoes are "Northern Grown" by expert cultivators, and have been selected for quality with the greatest care. Our revised list contains the cream only. Inferior sorts are eliminated. The tubers are large and free from disease.

Prices on Application.

White Ohio.—Identical in every way to the best type of old Ohio, except in color, which is a fine white. It has given the best of satisfaction in the past. For every locality where a White Potato is the popular market color this new Ohio is bound to be a winner.

NOROTON BEAUTY

The Most Valuable Potato Ever Introduced

The earliest potato ever grown, being 16 days mature simultaneously, a fact which, combined with its extreme earliness, practically does away with danger from blight or disease or bugs. Its table qualities are superb, and it keeps longer than any other sort, early or late. It is the best all-around potato in existence.

Early Six Weeks.—Medium size, smooth, oblong, skin pink, flesh white, tubers grow close together in the hill, and grow so rapidly that under favorable circumstances they are fit for family use in 6 weeks from the time of planting; mature in ten or eleven weeks.

Improved Extra Early Ohio.—A special favorite with marketmen and the most profitable sort they can grow. In this improved type the tubers are much smoother and of better shape than the well known Early Ohio, while the yielding qualities are improved



IMPROVED EXTRA EARLY OHIO

RADISH.

For the first crop sow as early in the spring as the ground can be worked, and every two weeks for a succession. A warm, sandy loam will be most likely to afford them brittle and free from maggots. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July.

Early Scarlet Globe

Selected Stock

A small, round, turnip-shaped red radish, with a small top, and of very rapid growth. It is mild, crisp, juicy and tender. Bright scarlet color. Desirable both for forcing and outdoor planting. For home use should be sown every ten days or two weeks, in order always to have a fresh supply. Our stock of this important variety is the very best; selected with special care as to size, shape, color and earliness.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 65c

Dallwig's "20 Day"

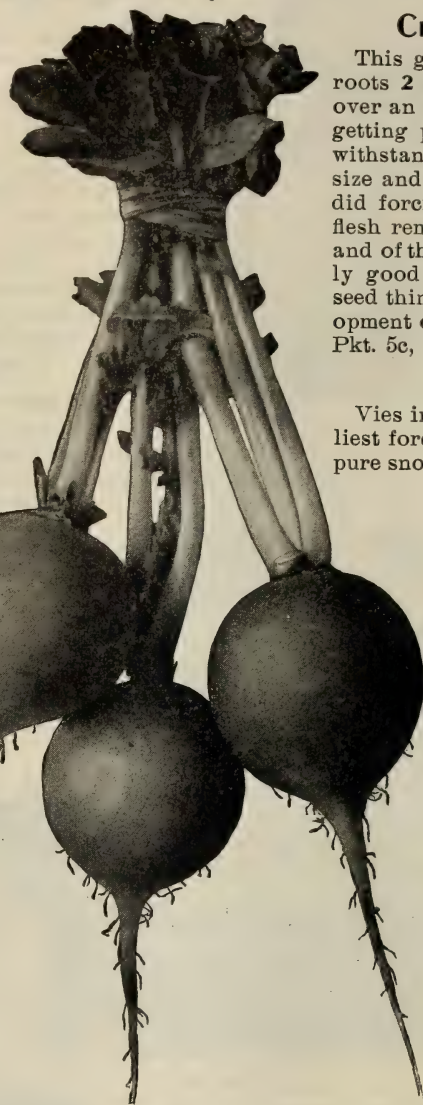
Excellent for Forcing

Quick growth is one of the main essentials for a crisp and tender radish. This variety matures very rapidly, making it valuable both for forcing and for outdoor culture. The flesh is pure white, very crisp and of pleasant flavor; the skin is a most attractive bright scarlet. Very short-leaved. Form slightly elongated or cone-shaped.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c, pound 75c

OUR RADISH SEED

is saved from selected, transplanted roots, by seed growers of experience.



Crimson Giant

This giant radish develops roots 2 inches in diameter and over an ounce in weight, without getting pithy or hollow. Notwithstanding its extraordinary size and weight, this is a splendid forcing sort, its pure white flesh remaining firm and crisp, and of the mildest flavor. Equally good for outdoors. Sow the seed thinly, to permit full development of the roots.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c

Icicle

Vies in earliness with the earliest forcing radishes. Roots of pure snowy, almost transparent whiteness, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor a long time. They are slenderly tapering, with but very few small leaves.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

DALLWIG'S OVAL SHAPED GOLDEN YELLOW

Skin rich golden yellow; flesh white, very crisp and tender. The roots are oval, smooth and handsome.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c, pound, 65c

CRIMSON GIANT RADISH

POPULAR EARLY AND SUMMER RADISHES.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Non Plus Ultra. —Round deep scarlet; small tops; matures in twenty days.....	05	10	20
Erfurt Dreienbrunnen. —Round scarlet; for forcing and outdoor planting; fine	05	10	20
Hamburg Forcing. —Very early, short top; excellent scarlet forcing variety....	05	10	25
Scarlet Turnip, White Tipped. —Early deep scarlet with white tip; round.....	05	10	20
French Breakfast. —Olive shaped; scarlet with white tip. Showy and delicate...	05	10	20
Yellow Button. —Same shape as the Scarlet Globe, yellow skin.....	05	10	20
Earliest White Turnip. —Short top. Small, delicate, white bulbs; fine for forcing	05	10	20
Hailstone. —Turnip shaped, snow-white; mild and crisp; mature in 19 days....	05	10	25
Long Scarlet Short Top. —Long, straight, smooth, rich scarlet, a quick grower	05	10	20
Lady Finger. —Similar in shape but not as long as Long Scarlet. Pure white..	05	10	25
Giant White Stuttgart. —Very large, heart shaped, white radish of quick growth	05	10	20
Oval Shaped White Summer. —Excellent for summer use.....	05	10	20
Delicacy. —Very early, snow-white, tender. Fine for forcing or open ground...	05	10	20
White Munich. —Crisp and tender; agreeably pungent flavor, oval shaped.....	05	10	25
Chartier. —Rose-colored tapering to white at the tip; long.....	05	10	20
Black Summer Turnip. —Skin deep black, flesh white, crisp, tender and firm...	05	10	20
Gray Summer Turnip. —An excellent round gray radish for summer use.....	05	10	20
Half-Long Gray Autumn. —Splendid for fall and winter use.....	05	10	30



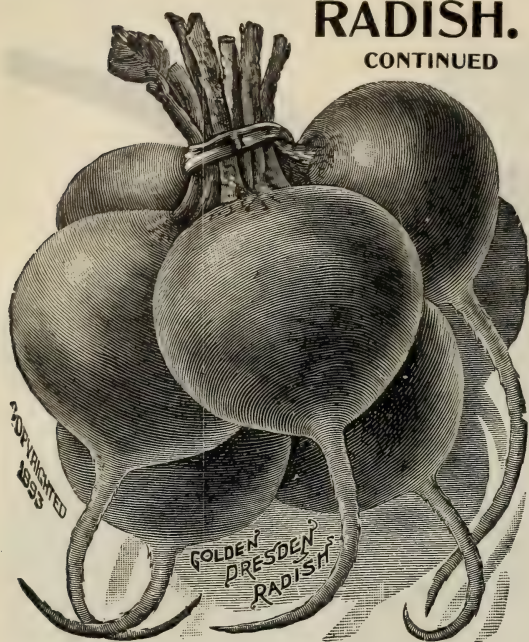
RADISH, OVAL SHAPED GRAY-BLACK SUMMER NO. 1.



RADISH, WHITE DELICACY.

RADISH.

CONTINUED



Golden Dresden. A valuable sort both for market and family use. It is of quick growth making radishes in twenty-eight days from germination. The roots are of medium size, round, smooth and have a clear golden skin. The flesh is white and of fine flavor.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 60c

Early Oval Shaped White Forcing.—A white radish very similar to our Oval Shaped Golden Yellow; equally valuable for forcing or open-air culture; crisp and tender flesh, and handsome shape.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c, pound 75c

White Strassburg. The roots are of handsome oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable characteristic of retaining its crispness for a long time. It is excellent for summer use, as it withstands severe heat and grows very quickly. The seed can be planted throughout the summer, and fine large roots will be rapidly formed. Valuable for home use and for the market gardener.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

White Munich. The excellence of this radish is found in the quite pronounced but nevertheless agreeable pungency of its flavor. It is very crisp and tender, and has an extremely smooth and fine grained skin with no tendency to throw out side roots. Its form is a tapering oval, and it grows to a very large size. It is suitable for forcing and outdoor cultivation. Pkt. 5c, ounce 10c, $\frac{1}{4}$ pound 25c, pound 75c



OVAL SHAPED GRAY SUMMER NO. 2

2 SPLENDID GRAY SUMMER RADISHES 2

EVERYBODY OUGHT TO TRY THESE TWO REALLY GREAT RADISHES

Oval Shaped Gray Summer No. 1.—Smooth, solid, crisp and tender, never grows pithy. Equally fine for forcing or open air culture. A very smooth and handsome radish of oval shape, and gray color; on some soils the color is almost black, which is lightened, however, by the irregular white lines appearing at intervals. Unlike most large radishes this variety may be **forced under glass**, never losing any of its delightful flavor and crispness. Grown in the open, it matures about the same time as our Oval Shaped Golden Yellow. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 45c

Oval Shaped Gray Summer No. 2.—This variety is in every respect equal to our No. 1. It is somewhat later, lighter in color, and grows to a larger size. Like No. 1, it may be grown under glass as readily as outdoors, and is a valuable succession to the former. The skin is smooth, the flesh crisp tender and of finest flavor. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 45c

OUR RADISH SEED

is saved from selected transplanted roots, by seed growers of experience, and should not be compared with a product where seed is drilled and harvested without selection.

RADISH.

(Continued.)

WINTER RADISH.

firm texture.

Long Black Spanish.—Root oblong, black, of very large size and
Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

Long White Spanish.—Valuable for winter use, of remarkably fine keeping quality.
Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

Round Black Spanish.—A turnip-shaped, black-skinned winter-keeping Radish.
Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

Half-long Black Winter.—Intermediate in shape between the Round and Long Black Spanish.
Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

Scarlet China Winter.—Scarlet and pink in color, tipped white.

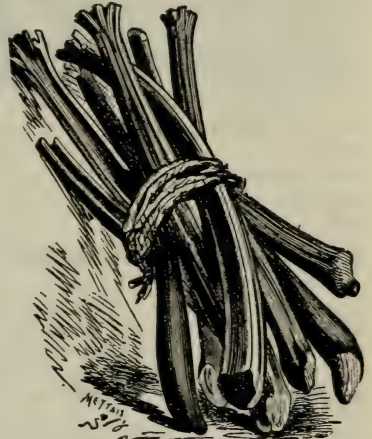
Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

RHUBARB OR PIE PLANT.

Culture. A deep, rich soil is best for Rhubarb. Sow early in drills, eighteen inches apart and one inch deep; the spring following transplant, allowing each plant at least two feet square; each fall mulch with manure. Never allow to run to seed. One ounce makes about 600 plants.

Victoria.—Leaf stalks very tall and large. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners.

Per packet 5c, ounce 15c, $\frac{1}{4}$ lb. 40c



VICTORIA RHUBARB.

RUTABAGA.

Culture. Sow the seed about a month earlier than turnips. They should be sown on ground enriched with well rotted manure, in drills two and one-half feet apart, and thinned to six to eight inches apart in the row. Keep the weeds thoroughly in check with the hoe or cultivator, and when the roots have grown full size,

and before hard freezing weather, pull, cut off the tops and store in a root cellar or pit. Ruta Bagas are sometimes sown broadcast and let take their chances with the weeds and bugs, but this method is only successful on new clearing in which there is no weed seed.

The Bloomsdale Swede.—In foliage it is not superabundant (as is European Swede); the shape is nearly globular and without neck, the crown deep purple, the flesh is very rich yellow.

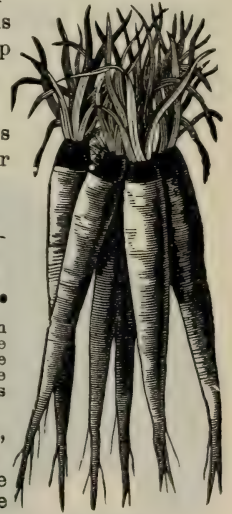
Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

White Fleshed Purple Top Rutabaga.—Differs from the yellow "Swede" in interior color. For table use some families prefer it to the yellow.

Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

SALSIFI OR OYSTER PLANT.

Culture. Sow when the cherry is in bloom, in drills, in deeply dug and well manured ground. The drills should be eighteen inches apart. When the plants are up a few inches, weed and thin them so as to stand four or five inches from each other. Preserve in pits, the same as Carrots or Beets.



SALSIFI.



HALF-LONG BLACK WINTER.



RUTABAGA.

Sandwich Island.—A variety superior to the French sort producing smoother, larger, and more vigorous roots.

Per packet 5c, ounce 15c, $\frac{1}{4}$ lb. 30c

Imported Scorzonera or Black Salsifi.—With the same culture three times the quantity can be grown on same area as Salsifi. It should be better known. The skin only is black.

Per packet 5c, ounce 30c

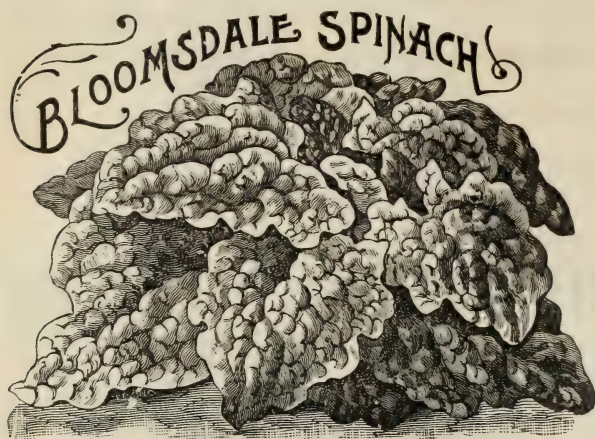
SUNFLOWER

Mammoth Russian.—Grows to double the size of the common Sunflower. Highly recommended for poultry; the best egg-producing food known.

Per pound 8c

SPINACH.

BLOOMSDALE.—Curled, twisted and bloated to an unusual degree, giving the leaves an elasticity especially fitting them for distant shipments, while at the same time giving the crop large measuring qualities. Especially recommended for autumn sowing. Packet 5c, $\frac{1}{4}$ pound 10c, pound 25c



SWISS CHARD.

ROUND THICK-LEAVED.—The popular market variety; good for either fall or spring sowing; large thick, round leaves; an immense yielder. Packet 5c, $\frac{1}{4}$ pound 10c, pound 25c

Long Standing.—Excellent for spring, as it is slow going to seed. Packet 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

Victoria.—Heavy, broad, dark green leaves. A fine variety for spring sowing, being slow to run to seed. Packet 5c, $\frac{1}{4}$ pound 10c, pound 25c

Swiss Chard or Summer Spinach.—Cut and Come Again Spinach, Far superior to the common beet for greens and equal to spinach. It makes a rapid growth of leaves, and is fit for use sooner than any spinach. For summer use it is superior to Spinach, because it can be cut throughout the summer and fall, when no spinach is to be had. The leaves later grow very large, with broad, flat, white, wax-like stems and mid-ribs which may be prepared like asparagus. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Squash. Culture. Few farmers appreciate the value of winter squash as food for stock. We think an acre of squash costing no more to cultivate, and much less to secure, will give as much food available for feeding stock as an acre of corn, and we strongly urge our readers to try a "patch" for this purpose. Plant when all danger from frost is past, and get in the winter varieties as soon as possible in order that they may mature. Plant in hills 4 feet apart for the bush varieties and 6 or 8 feet apart for running sorts. Put 6 or 8 seeds in a hill, thinning when all danger from insects is past to 3 or 4 plants in a hill.

SUMMER SQUASH. Early White Bush.—Earliest in maturity. Tender and delicate. Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

Boston Marrow.—Color rich orange, a good keeper and of unsurpassed flavor. Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c



EARLY WHITE BUSH.

Golden Summer Crook-Neck.—Golden color, skin profusely warted; flavor superior.

Packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

WINTER SQUASH.

Chicago Warted Hubbard.—Combines all the good points of the original Hubbard with rougher, harder, warted shell, making it especially valuable for shipping great distances.

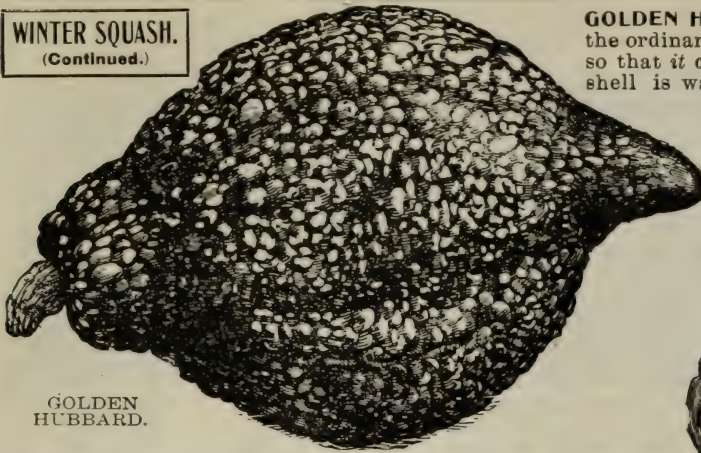
Packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c



CHICAGO WARTED HUBBARD.

WINTER SQUASH.

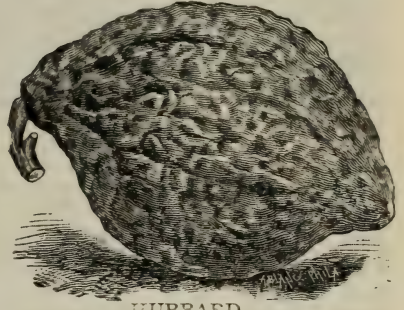
(Continued.)

GOLDEN
HUBBARD.

GOLDEN HUBBARD.—Of the same shape as the ordinary Hubbard. It is an excellent keeper, so that it can be held over for spring use. The shell is warty, hard and strong, and of a beautiful orange-red color. The flesh is deep orange to the rind.

Packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

Hubbard.—Desirable for use throughout the Winter and Spring; flesh bright orange yellow, fine grained, very dry, sweet and rich flavored. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c



HUBBARD.

Packet 5c, ounce 15c

The Delicious Squash.—Closely follows the original Hubbard. In thickness of flesh it surpasses nearly every variety, the color being dark orange. For table use no squash compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, and though at any time excellent, it, like the old Hubbard, does not acquire its best quality until winter.

Tobacco Seed. Culture.

The seed should be sown as early as possible after danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about 6 inches high, transplant into rows 4 or 5 feet apart each way, and cultivate thoroughly with plow and hoe.

Connecticut Seed Leaf.—Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy.

Per packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Havana.—From pure Cuban grown seed. When grown in this country commands a high price for cigar stock.

Per packet 5c, ounce 40c

TURNIP.

For feeding stock in fall and winter, there is nothing superior to Turnips and Rutabagas, and they will yield a larger amount of food than almost anything else on the same space of ground. We cannot too earnestly recommend increasing your sowings largely, for we are sure no crop will prove more remunerative. The best soil is a new light, rich loam, entirely free from fresh manure. Sowing for summer use should be made early in the spring, for fall or main crop from middle of July to middle of August.

Purple Top Milan.—Earliest, flat, medium size, solid, fine-grained.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

Purple Top, Strap Leaved.—Popular early, flat variety; medium size.

Packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c, pound 35c

Purple Top White Globe.—Early globe-shaped variety of large

size and very rapid growth; fine quality.

Packet 5c, ounce 8c,

$\frac{1}{4}$ lb. 15c, lb. 35c

Early White Flat.—

Popular early table

turnip. Packet 5c,

ounce 8c, $\frac{1}{4}$ pound

15c, pound 35c

White Egg.—Quick-

growing, pure white,

perfectly smooth, egg shaped variety.

The flesh is very sweet, firm

and mild. Packet 5c, ounce 8c,

$\frac{1}{4}$ pound 15c, pound 40c

Amber Globe.—A yellow-fleshed

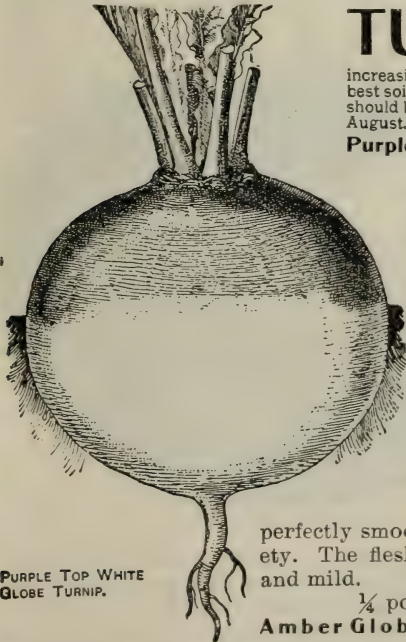
turnip of large size. Keeps well.

Packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c, pound 35c

Teltower.—Small, sweet, white, German variety of fine quality.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c, pound 50c

If wanted by mail add 8 cents per pound for postage in quantities over $\frac{1}{4}$ pound.

PURPLE TOP WHITE
GLOBE TURNIP.PURPLE TOP,
STRAP LEAVED

TOMATO. Culture. Sow in a hotbed in early spring, or the seed may be sown in shallow boxes and placed in a window when one does not wish to have the trouble of a hotbed. Transplant to the open ground when danger of frost is past, setting the plants three feet apart each way. Tomatoes do best on light, warm, not over-rich soil.

A LIST OF STANDARD TOMATOES WORTH GROWING.

	Pkt.	Oz.	¼ lb.
Atlantic Prize. —The earliest of all, smooth, red and solid	05	20	60
Acme. —Size medium, color reddish with slight tinge of purple; flesh deep scarlet and unusually solid	05	20	60
Beauty. —Fruit large, uniform in size, very smooth; skin purplish pink, flesh light pink, of excellent flavor	05	20	60
Favorite. —One of the largest perfect shaped Tomatoes, does not crack or rot; dark red	05	20	60
Perfection. —Early, large size, very productive, fine blood red	05	20	60
Paragon. —Large, solid and smooth, deep red	05	20	60
Magnus. —Purple-red fruit of largest size. Early and ripens evenly. Flesh thick, free from cracks, and is of excellent flavor	05	20	
Stone. —Perfectly smooth, bright scarlet, very solid, good shipper	05	20	60
T. T. T. or Ten Ton Tomato. —Fruit deep red, smooth as an apple	05	20	60
Crimson Cushion. —Brilliant scarlet crimson. Extra large	05	20	
Trophy. —Smooth, solid as an apple, fine in color, prolific	05	20	60
Peach Tomato. —Resembles a peach in shape, size and color, covered with a delicate bloom or furze like a peach; of most delicious flavor	05	20	60
Large Yellow. —A bright yellow; large, early, solid	05	20	60
Red Cherry. —Borne in large clusters; for preserving and pickling; bright red	05	20	60
Pear Shaped. —(Yellow). Used for preserving and pickling	05	20	60
Pear Shaped. —(Red). Differs from the above only in color	05	20	60
Husk Tomato or Ground Cherry. —This is liked by many for preserves and for eating from the hand. The seed we offer is that of the true Yellow Ground Cherry, and not the purple fruited sort which is scarcely edible	05	20	60

CHALK'S EARLY JEWEL—Within a week to ten days as early as Earliana, it is even a heavier cropper, with fruit of larger size and sweeter flavor, —produced continuously throughout the season. Packet 5c, ounce 25c, ¼ pound 75c

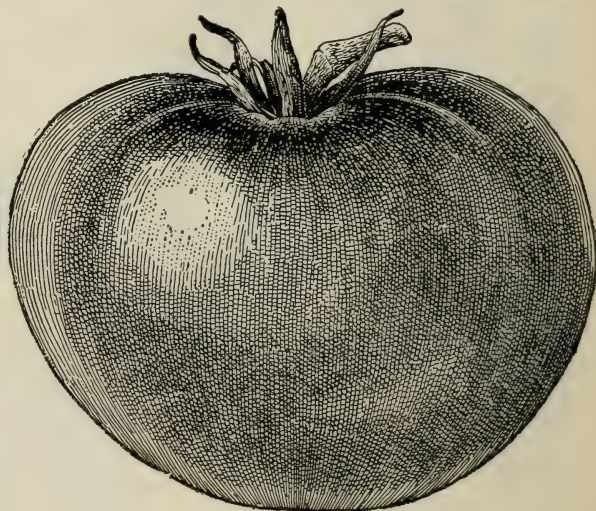
LIVINGSTON'S GLOBE—In shape it is notably distinct, being a beautiful globe, with quite a percentage of elongated fruits. It is of large size, smooth, firm-fleshed, a fine glossy rose in color, tinged with purple. Packet 5c, ounce 25c, ¼ pound 75c

Nolte's Earliest.—Remarkable for its earliness, large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts, while it ripens nearly as early as Atlantic Prize. Pkt. 5c, ¼ oz. 10c, oz. 30c, ¼ lb. 90c



NOLTE'S EARLIEST.

SPARKS' EARLIANA.—No Tomato ever introduced has brought so much favorable comment. It stands unsurpassed for a first-early variety combining great size. The fruit grows very uniform, of fine shape, and is a bright red. Very solid and immensely productive.



SPARKS' EARLIANA.

Dwarf Champion.—Stems short, thick, stiff, almost self-supporting. Leaves very dark, much curled and twisted. Fruit borne in showy clusters, quite large, solid and of good color. Requires but little space. The dwarf, upright habit of the vine makes it very desirable for forcing, as it can be planted closer to the glass, and more closely on the bench. Packet 5c, ounce 25c, ¼ pound 75c

Dwarf Aristocrat.—Erect, strong vine; large red fruit of fine quality. Pkt. 5c, oz. 20c, ¼ lb. 60c
New Dwarf Stone.—In habit of vine it resembles Dwarf Champion. It is equally as early, and fully as prolific, while it attains a much larger size. In fact, in size, shape and color it closely resembles the tall Stone, and is the largest dwarf tomato in existence. It is very solid, ripens evenly, and is of most excellent quality. Packet 5c, ¼ ounce 10c, ounce 35c, ¼ pound 90c



P EPPERMINT

LAVENDER

FENNEL

SAGE

SUMMER SAVORY

Seeds of Aromatic, Medicinal and Pot Herbs

Most of the varieties thrive best on sandy soil. The soil should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds. The stalks should be cut when in bloom, wilted in the sun, and thoroughly dried in the shade.

	Pkt.	Oz.	4 Oz.
Anise. For garnishing, seasoning and for cordials; aromatic odor and taste.....	05	10	25
Asperula Odorata. (Waldmeister.) For flavoring May wine; keep moist and shaded	10		
Basil, Sweet. For flavoring soups and sauces; fine and broad leaved.....	05	20	40
Borage. Used as a salad; the flowers are excellent for bees.....	05	10	30
Caraway. Cultivated for its seeds, which are used for flavoring liquors, bread, etc..	05	15	
Catnip. Has medicinal qualities; also grown for bee pasture.....	05	30	
Chamomile. Used for tea.....	05		
Chervil. More beautiful than parsley, and used for garnishing and flavoring dishes	05	15	30
Coriander. Seeds have an agreeably aromatic taste, and are used in confectionery..	05	10	25
Dandelion. Thick Leaved. Is fast becoming a favorite spring green; very profitable	10	50	
Dill. Aromatic odor and warm, pungent taste; added to pickled cucumbers to flavor	05	08	15
Fennel. Sweet. Seeds are used for flavoring, the leaves for garnishing.....	05	10	25
Lavender. Grown for its flowers which are used in the manufacture of perfumes.....	05	20	50
Marjoram, Sweet. The tops are used green for flavoring, or dried for winter use....	05	15	45
Peppermint. For flavoring and for the distillation of the essence of peppermint.....	10		
Pimpinella. The young tender leaves are used as salad; flavor like cucumbers.....	05	20	
Poppy. White or blue seeded; used for baking, fresh seed.....		05	15
Rosemary. Fragrant; yields an aromatic oil and water; leaves used for seasoning..	05	30	
Saffron. For medicine and for coloring; also to make cosmetic powder called rouge	05	10	30
Sage. Used very extensively for flavoring and dressing; also in medicine.....	05	15	40
Savory, Summer. (Bohnenkraut.) Extensively used for flavoring, especially beans.	05	10	25
Sorrel. Esteemed as salad, cooked as greens, etc. Leaves of mild, acid flavor.....	05	15	40
Tarragon. The leaves, either dried or fresh, are highly esteemed for seasoning.....	10		
Thyme. A medicinal and culinary herb; used for seasoning and dressing.....	05	25	
Wormwood. Used as a tonic and dressing for bruises; beneficial for poultry; bitter.	05	20	

Vegetable Plants and Roots

We handle large quantities of Vegetable Plants and Roots, and can supply all the varieties below.

Asparagus Roots Strong two-year-old roots of
Columbian Mammoth White and Conover's
Colossal. Dozen 15c, 100 \$1.00

If by mail add 4c per dozen, 30c per 100

Cabbage Early and late white; red; savory.

Cauliflower

Celery and Celeriac

Chives (Schnittlauch) 5c clump, 50c dozen.

Egg Plants Grown in pots, each 7c, doz. 70c

Garlic Sets White Bavarian. Pound 25c, by mail 35c

Horseradish Sets 15c per dozen, 75c per 100

Kale, Kohlrabi, Leek, Parsley, Pepper Rhubarb Roots Vitcoria. Strong clumps, each 10c, 15c, 20c, by express or freight.

Tomato Plants Sparks' Earliana, New Stone, Dwarf Champion, and others.

Sage, Summer Savory, Marjoram, Thyme

Write for prices on varieties where prices do not appear above.

**Vegetable
Gardening**

A MANUAL ON THE
GROWING OF VEGETABLES
FOR HOME USE AND MARKETING
BY SAMUEL B. GREEN

Paper Covers
50c

Cloth Bound
\$1.00

Selected Farm Seeds.

We give special attention to the quality of our Farm Seeds, and send out nothing but most carefully selected and re-cleaned stock. It is our purpose to supply the very best only. Prices on Farm Seeds subject to market changes. Purchaser pays freight in all cases.

CHOICE SEED FIELD CORN.

THE SEED CORN we offer is grown specially for that purpose, carefully selected, cured and shelled. It will pay any enterprising farmer to secure seed of the promising new varieties. Such men invariably obtain highest market prices for all they can produce.

White Cap Yellow Dent.—This now famous corn possesses the earliness of *Pride of the North*. Grows about 6 to 7 feet in height, with abundant foliage and fine large ear. The tip ends of the grains are white, the inside yellow, making it of a beautiful color both on cob and when shelled. It is enormously productive, husks and shells well.

Per quart 10c, peck 50c, bushel 1.50

Pride of the North.—One of the most valuable and reliable varieties of dent corn that we know of.

Per quart 10c, peck 50c, bushel 1.50

Wisconsin Yellow Dent.—This is the best Dent of its color for the south half of Wisconsin and similar corn belt. Has as deep grain and as large a percentage of grain to cob as is possible for such an early sort; red cob; color bright yellow. Length of ears 7½ inches.

Per quart 10c, peck 50c, bushel 1.50

Sanford's Early White Flint.—The ears are of unusual length and of handsome shape, flinty white color. Plant is of sturdy, vigorous growth. The stalks usually bear 2 or 3 long ears.

Per quart 10c, peck 50c, bushel 1.50

Longfellow Yellow Summer Flint.—Farmers' Favorite; a very early, productive and desirable variety.

Per quart 10c, peck 50c, bushel 1.50



DWARF ESSEX RAPE.

Red Cob Ensilage.—A most desirable variety, adapted to all sections of the country. It is sweet, tender and juicy; has short joints, abundance of leaves and grows to a good height.

Per quart 10c, peck 35c, bushel 1.00

Dwarf Essex Rape

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. Dwarf Essex is easily grown and perfectly hardy, and possesses remarkable fattening properties. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring, as well as high cultivation. Any corn soil will grow Rape. Sow the seed during the third or fourth week in June; it can then resist drouth, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart a continuous supply of good feed can be had.

Per pound 15c, 10 pounds \$1.00

Kaffir Corn. One of the best of forage plants. It is the greatest grain producer of the Cane family, and is greedily eaten by all domestic animals. For grain sow at the rate of 5 to 7 pounds per acre and cultivate same as corn. For hay sow at the rate of 50 pounds per acre; makes a very valuable hay of good quality.

1 pound 5c, 10 pounds 45c, 25 pounds \$1.00, 50 pounds \$1.75, 100 pounds \$3.00

SORGHUM or SUGAR CANE. Early Amber.—The best green food that can be grown for feeding cows, horses and young stock during the dry spells of August and September. Sow broadcast 60 pounds to the acre, or 15 pounds in rows. 10 pounds 40c, 25 pounds 75c, 100 pounds \$2.50

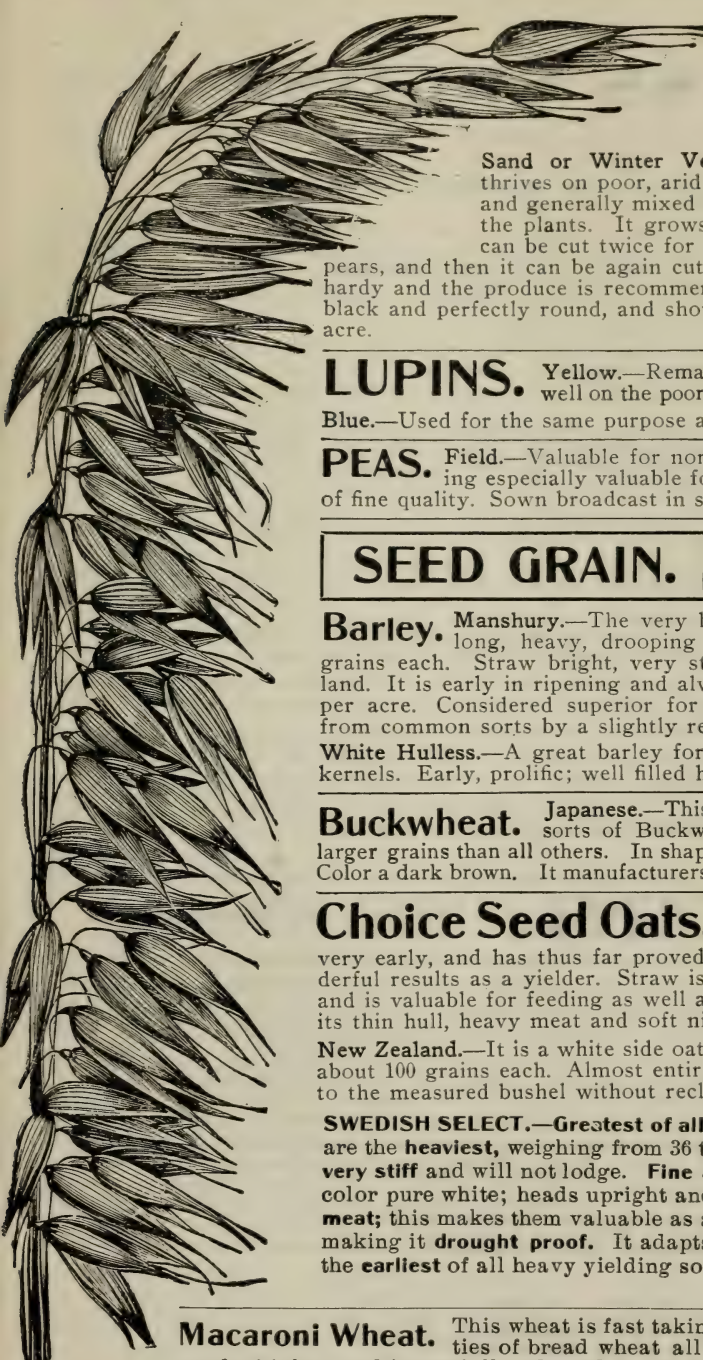
MAMMOTH RUSSIAN SUNFLOWER.—The best variety for the farmer, growing to double the size of the common and the yield is twice as great. It is highly recommended for poultry

1 pound 8c, 5 pounds 35c, 25 pounds \$1.50, 100 pounds \$5.00

ROOT CROPS FOR FARM STOCK

It is not what an animal eats but what it digests and assimilates, that is of benefit to the owner. When fed on a ration containing something green or fresh appetite is stimulated; the digestion is more perfect, and the general health and restful content greater. In addition, roots contain high quantities of nutritious sugar, and are a necessity in the rations of growing and fattening animals.

MANGELS, SUGAR BEETS, CARROTS, RUTABAGAS, TURNIPS.

**VETCHES.** *Spring Tares.* (*Vicia Sativa.*)

Sown broadcast at a rate of 1 to 1½ bushels to the acre like wheat or barley, and sometimes mixed with oats for soiling. Per lb. 10c.

Sand or Winter Vetch.—(*Vicia Villosa.*) This variety thrives on poor, arid soils. It is sown in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from 3 to 4 feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at rate of 100 lbs. to the acre. Per pound 15c, 10 pounds \$1.00

LUPINS. *Yellow.*—Remain green for a long period. Succeed well on the poorest soil, and is valuable for plowing in. *Blue.*—Used for the same purpose as the yellow variety. Pound 10c

PEAS. *Field.*—Valuable for northern climates, for cattle feeding, being especially valuable for milch cows. It also makes ensilage of fine quality. Sown broadcast in spring and harrowed in. Qt. 10c

SEED GRAIN.

Prices on Seed Grain subject to market changes. **Grown Expressly for Seed.** Carefully Recleaned and Selected.

Barley. *Manshury.*—The very best six-rowed barley grown. Heads long, heavy, drooping and well filled, containing 75 to 90 grains each. Straw bright, very strong; does not lodge on the richest land. It is early in ripening and always plump, yields from 50 to 70 bus. per acre. Considered superior for malting. Long heads; distinguished from common sorts by a slightly reddish tint to the beard. Bus. \$1.50

White Hulless.—A great barley for stock feeding. Plump, heavy wheat kernels. Early, prolific; well filled heads. Per bus. \$1.75, peck 50c

Buckwheat. *Japanese.*—This variety is rapidly displacing all other sorts of Buckwheat. It ripens early and has much larger grains than all others. In shape the kernels are peculiar and distinct. Color a dark brown. It manufacturers a superior flour. Peck 40c, bu. \$1.50

Choice Seed Oats. *Lincoln.*—The following are a few of its points of excellence: It is very early, and has thus far proved itself rust proof. It has given wonderful results as a yielder. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal on account of its thin hull, heavy meat and soft nib.

New Zealand.—It is a white side oat, of medium size, with heavy heads of about 100 grains each. Almost entirely free from rust. Has tested 40 lbs. to the measured bushel without recleaning.

SWEDISH SELECT.—**Greatest of all Oats.** They **outyield** all others. They are the **heaviest**, weighing from 36 to 40 pounds per bushel. The **straw is very stiff** and will not lodge. **Fine appearance:** large, thick and plump; color pure white; heads upright and bushy. Hull very thin, almost **all meat**; this makes them valuable as a feeding oat. Great root development making it **drought proof**. It adapts itself to all soils and climates. It is the **earliest** of all heavy yielding sorts. It is **free from rust and smut**.

Prices on Application

Macaroni Wheat. This wheat is fast taking the place of the old standard varieties of bread wheat all over the Northwest. It yields more, grades higher, and is specially adapted to resist dry weather. Peck 50c, bushel \$1.60

Spring Rye.

Per peck 40c, bushel \$1.35

HIGH-CLASS FARMING

Comprehends the growing of crops more extended in variety than is cultivated on the ordinary farm. Especially must this be practiced on farms devoted in whole or in part to the rearing of live stock, or those other farms the proprietors of which desire to establish show places. Among the special crops referred to are:

RAPE.—For soiling and folding sheep and swine. The sowing of the seed being made between 15th of May and 15th of June. Seed for an acre will cost 50 cents.

CARROTS AND MANGOLDS.—For horses and milch cows. The seed sown 15th May to 10th June. Seed for an acre will cost about \$1.50 to \$2.00.

SWEDES OR RUTABAGA.—For live stock of all sorts. The Bloomsdale is the best. Drilling should be made between 15th June and 15th July. The seed for an acre will cost about \$1.00.

TURNIP.—Turnips need not be sown so early as Swedes. They are of almost equal value. The seed for an acre will cost about 75c.

NEW ZEALAND
OATS

GRASS SEEDS.

The following list gives names and short description of the very best varieties for general use.

PRICES SUBJECT TO MARKET CHANGES.

Timothy.—It makes the best hay for horses and market of the entire list, and being an early grass is well adapted to spring grazing. It is a perennial, and if the meadow is kept in good fertility by surface dressing it will last and bear good crops indefinitely. We handle strictly pure stocks for those who want the best only. Sow 15 to 25 pounds to the acre. (Bushel 45 pounds.)

Kentucky Blue Grass. (June Grass.)—Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather a dry soil, but will grow on a variety of soils from the driest knolls to a wet meadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 28 lbs. to the acre early in the spring or during October and November.

Red Top.—Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bushels per acre; 14 lbs. to the bushel.

Orchard Grass.—This is one of the most valuable and widely known of all the pasture grasses. Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first-rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre.

Perennial Rye Grass.—Nutritious and valuable; in most cases not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils; starts early and grows all summer. Height seldom over 18 inches. Flowers in June.

Sweet Vernal.—Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 pounds to the acre with other grasses.

Millet.—Height 2 to 3 feet; succulent stem; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow $\frac{3}{4}$ bushel per acre. 50 pounds to the bushel.

Hungarian Grass (*Panicum Germanicum*).—One of the most valuable annual soiling plants. It grows on ordinary soil; withstands drought well. As it is of very rapid growth, being ready for cutting within sixty days, it may be sown in this latitude as late as middle of July for hay, or middle of August for green fodder. It should be cut just before blooming. Sow 1 bushel to the acre. (48 lbs. to bushel.) Price variable.

CLOVERS.

Prices on Application.

Red or June.—The common clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasturage when sown with grasses, and is one of the best fodders for cows and sheep. When used alone, sow about 8 pounds of seed per acre; 60 pounds to the bushel. Write for prices in quantity.

Scarlet or Crimson Clover (*Trifolium Incarnatum*).—This clover is being recognized throughout the west and south as a necessary and valuable addition to economical farming. May be sown at any time from April to October. Sown early, the first growth is available for pasture in the fall, and still make a good crop of hay the following spring, or may be turned under for corn or other crops, and for that purpose is said to be even more valuable than the ordinary Red Clover. Rooting very deep, it supplies nitrogen and potash largely to the soil. Will grow a heavy crop of hay or seed on poorest land. Sow 15 lbs. to acre. Horses and cattle are fond of the hay, which should be cut as soon as in full bloom. Taken altogether, the Scarlet or Crimson Clover is a great boon to the farming community, being principally used for plowing under as a green crop.

White.—Low; one of the best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color. Sow 6 pounds per acre when used alone, or 3 pounds with grass seeds. 60 pounds to the bushel.

Alfalfa or Lucerne.—Alfalfa flourishes in all southern and western states and has succeeded admirably in many localities of the North. It is one of the most valuable among the clovers. Standing for years, shooting its roots downward till they are ten to fifteen feet below the surface, it resists the driest weather, and when every blade of grass droops for want of moisture, it holds up fresh and green as in genial spring. It does not succeed on compact clay, nor on land with impermeable subsoil. Far from exhausting land, it increases fertility, as has been fully established. Cattle pastured upon Alfalfa are apt to eat off the crowns, consequently the best practice is to cut it and stall-feed the animals. Sow 10 pounds to the acre.

Alsike or Swedish.—Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel.

Descriptive List of Flower Seeds.

The pleasure resulting from a large and varied collection of flowers will amply repay for time and labor spent.

IN the following pages we describe the leading flowers grown from seed, including many **New and Special Flowers** of unusual beauty. These seeds are all of the finest strains of the best varieties and are sure to give entire satisfaction. They are procured without respect as to cost, from the best growers of the particular kinds in America and Europe, and the whole makes a collection unexcelled in quality, and vastly superior to the stock usually sold.

LARGE-SIZED PACKETS Our packets are very large, and contain in most cases more seed than is needed in a home garden and about four times the quantity usually contained in the papers offered by department and some other stores. We have always found the liberal treatment of our customers to be the best paying feature of our business.

ALL FLOWER SEEDS SENT POSTPAID ON RECEIPT OF PRICE

GENERAL DIRECTIONS FOR CULTURE

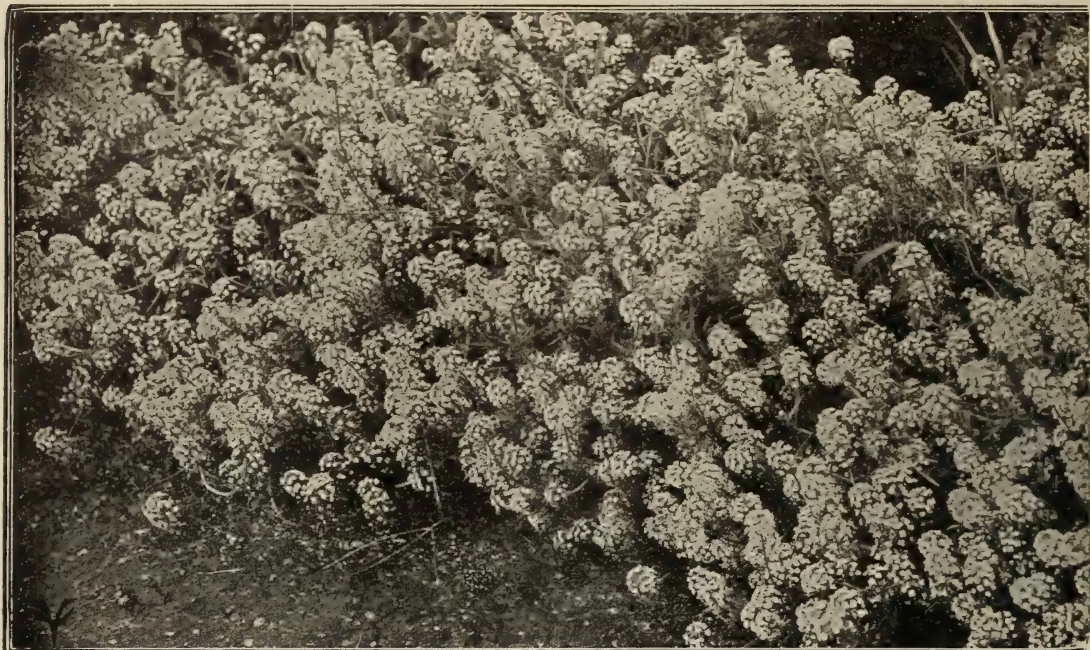
For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in earthenware seed pans or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each of sand, leaf mould and light garden loam. Press firmly and evenly, and water thoroughly the day before sowing.

A common mistake in sowing flower, as well as other seeds, is covering too deep. As a general rule, cover only to the depth of the thickness of the seeds; or with medium-sized seeds, like Balsams, Zinnisa, etc., half an inch or so is none too much. Such fine seed as Portulaca needs only to be pressed into the soil with a piece of board or the palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get firm hold of the soil.

Cover with a pane of glass or one or two thicknesses of newspaper, to prevent the too rapid evaporation of the moisture, and keep in a temperature of between 60 and 70 degrees. Water carefully as needed. Remove the glass or covering after the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air, otherwise the young seedlings are liable to damp off.

Seeds of the hardier Annuals may be sown where they are to grow; but as a rule it is preferable to transplant, as the plants are generally stronger and stand drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such Annuals as require it.

Seeds of Biennials and some Hardy Annuals may be sown in July and August in the open, and in September in boxes, and placed in coldframes. They will make strong plants by spring, and flower early.

**SWEET ALYSSUM.**

ABUTILON—Handsome little bushes covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first summer. (Hybrida Grandiflora.) Mixed colors. Per packet 15c



ADONIS.

ADONIS—Aestivalis
(Flos Adonis).

—Flowers bright crimson, peering from finely cut dark foliage. Per packet 5c

AGERATUM.—Very effective plants for bedding, remaining in bloom throughout the whole summer; valuable cut-flower.

Blue Perfection.—The darkest colored of all the large flowering Ageratums. Dwarf, compact growth. Its color is

**ABUTILONS**

a deep amethyst blue, and has nothing of the faded-out appearance of the old-style Ageratum.

Per packet 5c



ARCTOTIS GRANDIS.

Imperial Dwarf Blue.—

Imperial Dwarf White.—

Excellent plant for ribbon borders, 6 inches.
Per packet 5c

"Little Dorrit."—Splendid blue, excellent for bedding
Per packet 5c

Swanley Blue.—Large flowering.

Per packet 5c

ARCTOTIS GRANDIS.—Bushes 2-2½ feet high and wide.

Flowers large and showy, borne on long stems; ray florets pure white on upper surface with narrow yellow zone at base; reverse pale lilac-blue; disc light blue.
Per packet 10c



ASPARAGUS SPRENGERII.

ASPARAGUS SPRENGERII.—Most handsome seen drooping gracefully and naturally from pot or hanging basket. The growths thrown up in a free and plumose manner, 4 to 8 feet in length, of a fresh, light or apple green hue, are admirably adapted for all delicate decorations indoors. It is hardier than any other asparagus. It remains fresh for weeks after cutting.

Per packet 10c

ASPARAGUS PLUMOSUS.—(Asparagus Fern.) One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maiden-hair Ferns in grace, delicacy of texture, and richness of color. It is admirably adapted to house culture.

Per packet 10c



ASPARAGUS PLUMOSUS.

Perfectly round, with incurved petals; height eighteen inches to two feet. Pure White, Light Blue, Light Blue with White, Bright Scarlet with White, Pink with White, Bright Scarlet, Deep Pink with White, Glowing Dark Crimson, Dark Blue, Delicate Pink, Carmine Rose, Mixed.

Per packet 5c

Victoria.—Probably the handsomest variety, taken all in all, for size, color and profusion of bloom. The colors include many extremely delicate, some gorgeous shades; flowers very double, 1 3/4 feet. Fiery Scarlet, Delicate Pink, Light Pink-White Tipped, Crimson, Dark Blue, Pure White, Pink and White, Light Blue, Carmine Rose, Mixed.

Per packet 5c

Giant Comet Aster.—This distinct class of Asters resembles very much the Japan Chrysanthemum in size and shape of flowers. The petals are long and beautifully curled. They have a wide range of handsome colors and are extremely floriferous.

Snow White.—Grand pure white flowers of immense size.

"The Bride."—The flowers at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut flowers.

Alyssum (Sweet.)—A general favorite, with delicate white flowers of exquisite fragrance, very free blooming, suitable for beds, borders and rock-work; very useful cut flowers for the winter.

Benthami.—White, very sweet. Ounce 20c, packet 5c

Benthami Compactum.—Of dwarf, robust growth; six inches Ounce 30c, packet 5c

Little Gem.—This should really be called the "Snow White Carpet Plant," for the plants which are only a few inches high grow so dense, and are so completely covered with snow white blossoms as to create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbon bedding, etc., as our "Little Gem" Alyssum.

Per ounce 30c, packet 5c

Aquilegia (Columbines.)—Very handsome, ornamental hardy plants, growing two to three feet high; of easy cultivation, and bearing in profusion large flowers of novel shape and in great variety of color. The stems rise about two feet high, and carry numerous blossoms.

Coerulea.—Sky Blue, per packet 5c. Single Mixed, per packet 5c. Double Mixed, per packet 5c

Antirrhinum.—See Snapdragon.



AQUILEGIA (COLUMBINES.)

Dallwig's German Grown Asters.

It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers and the German growers have the experience of a century behind them. Ours is procured from careful and experienced growers.

Perfection.—Improved Paeony Flowered.

A favorite class; thrifty upright growers; flowers large and almost perfectly round.

Pure White, Light Blue, Light Blue with White, Bright Scarlet with White, Pink with White, Bright Scarlet, Deep Pink with White, Glowing Dark Crimson, Dark Blue, Delicate Pink, Carmine Rose, Mixed.

Per packet 5c



TRIUMPH.—A most beautiful dwarf Aster. Each plant is an elegant bouquet of itself, about 8 inches high. Flowers measure 2 inches across; the color is a rich, brilliant scarlet. Packet 5c

Carlson Aster.—This is a type of the well-known Peony Flowered, evolved by careful selection. It is a tall, luxuriant grower, and admirable for cutting. White, Pink, Lavender, Mixed. Packet 5c

Branching Asters.

—This Aster is a strong **HOHENZOLLERN** grower and its tendency to form numerous branches is very marked, therefore it should have more room than other asters. A rather late bloomer, thus giving its crop of flowers at a season when there is always a scarcity of bloom. The flowers are borne on very long stems, and are four inches and more in diameter. The petals are broad, long, and many of them more or less twisted or curled. White, Lavender, Purple, Deep Pink, Daybreak Pink, Crimson, Mixed.

Packet 5c

AURICULA.—(PRIMULA.) A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors.

Packet 10c

GIANT COMET ASTER—Continued.

Light Blue	Light Blue with White	Dark Blue
Pink	Pink with White	Carmine Yellow

Any of above colors, Packet 5c
Giant Comet Mixed.—Includes all the above colors. Packet 5c

Hohenzollern or Ostrich Feather.

—The Hohenzollern Asters are a new type with long, wavy, twisted, feathery petals, like the wavy, beautiful feathers of the ostrich. They are a valuable addition to the decorative class of Asters. Flowers measure 4 inches across, borne on stems 20 inches long. Pure White. Pink. Crimson. Lilac. Dark Blue. Terra Cotta. Mixed. Packet 10c

Queen of the Market.—Very early, extremely floriferous, medium sized variety, with long stems. Excellent for cutting.

White. Pink. Crimson. Light Blue. Dark Blue. Scarlet. Deep Scarlet. Mixed. Packet 5c

SHAKESPEARE.—Very dwarf, continuous bloomer. Mixed. Packet 5c

GIANT EMPEROR.—Produce extremely large, perfectly double flowers. Mixed. Packet 5c

DAYBREAK.—Delicate soft pink color, graceful habit. Large, full flowers on long stems. Excellent for cutting. Packet 5c



BRANCHING ASTERS.



BALSAM.

New Giant - Flowered Browallia.—Beautiful for either bedding or pot culture. This large flowered Browallia is one of the best plants for bedding in summer, and equally valuable for house culture in pots in winter. It grows about a foot high, forming dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. Per packet 15c

Cacalia.—(Tassel Flowers). Tassel-shaped scarlet and orange flowers. Per packet 5c

CALCEOLARIA.—Very handsome and showy plants for the green house or house culture. The plants grow about eighteen inches high and during spring and summer are covered with a great many curious pocketlike flowers. Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors.

Calliopsis or Coreopsis—Very showy plant, producing flowers in every shade of yellow, orange, crimson and brown, will bloom until frost. Mixed colors. Per packet 5c

CANNA. Stately ornamental plants, very desirable for bedding outdoors, where they produce clusters of large flowers of the most intense and brilliant colors. The seeds are extremely hard and it is advisable to file through the outside covering; soak in warm water several hours before planting. Comes readily from seed; that sown early will give blooming plants the first season.

Queen Charlotte.—Rich crimson scarlet with wide gold border; a profuse bloomer. Per packet 5c

See illustration under "Bulbs."



NEW
GIANT
FLOWERED
BROWALLIA

BALSAMS. Balsams or Ladies' Slippers are old favorites with every one, owing to their handsome double flowers, brilliant colors and stately growth.

Double Camellia Flowered Balsams.—Lilac, light blue, carmine, scarlet, pink, purple. Mixed Colors. Per packet 5c

Rose Flowered.—White, pink, yellow, red, apple blossom. Mixed Colors. Per packet 5c

Dwarf Balsams.—All colors mixed. Per packet 5c

BEGONIA.—As bedding plants there is nothing to equal the Tuberous Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose. They are easy to grow from seed, and if sown in February or March bloom the same year. For winter plants sow in August.

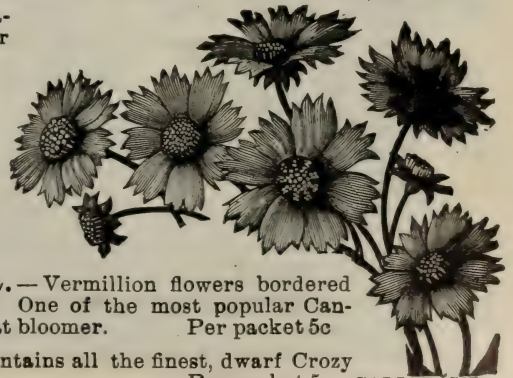
Single Tuberous Rooted Begonias.—Per packet 20c.

Begonia Rex.—Grown for their large, beautiful, ornamental leaves. Unexcelled as window plants. Pkt. 25c



BEGONIA REX.

Per packet 25c



Mad. Crozy.—Vermillion flowers bordered with gold. One of the most popular Cannas. Great bloomer. Per packet 5c

Mixed.—Contains all the finest, dwarf Crozy varieties. Per packet 5c

CALLIOPSIS.

CAMPANULA.—(*Canterbury Bell*). A highly attractive class of plants, combining richness of color with stately growth; valuable for beds and borders.

Campanula Medium.—Blue, very pretty.

Per packet 5c

Campanula Medium.—Mixed.

Per packet 5c

Campanula. Cup and Saucer.—A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter, presenting the form of a cup, hence its name.

Per packet 5c

CANDYTUFT. (Iberis.)—Very useful for beds, ribbons, etc., also for pots and for cut flowers for bouquets. A bed of Candytuft in colors makes a splendid display.

Queen of Italy.—An exceedingly free flowering dwarf, compact variety with almost evergreen foliage and delicate pink flowers; may be grown as annual or biennial; highly valuable for cutting purposes. Pkt. 5c

Empress.—A beautiful variety bearing candelabra-shaped branches, each producing a large truss of pure white flowers, presenting a perfect pyramid of bloom throughout the summer.



CANTERBURY BELL.

See illustration page 51.

Per packet 5c

Carmine.— **Purple.**— **Dark Red.**— **White Rocket.**—
Mixed Colors.—

Per packet 5c

CELOSIA. Cockscomb.—A highly ornamental annual, valuable for bedding and house culture.



CELOSIA.

Empress.—Crimson

Queen of Dwarfs.—Carmine.

Fireking.—Bright red.

Pres. Thiers.—Much used in public parks for bedding.

Dwarf, with dark leaves and broad, stiff combs.

Aurea.—Yellow.

Above dwarf varieties mixed.

Per packet 5c

Celosia Thompsoni Magnifica.—This represents the most perfect strain of the feathered or ostrich plumed Cockscombs. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent shades of colors, ranging from the clearest yellow to the darkest blood-red. Of great value for all decorative purposes in and out of doors. Packet 10c



CALLA DEVONIENSIS.

Calla Devoniensis. Blooms the first year from seed

The seedlings come true and will bloom profusely the first year. Its willingness to bloom is phenomenal, while its culture is of the simplest. Pure white, large blooms, borne on stout stalks.

A LAWN
may be established either by "sodding" or "seeding." The latter is not only much less expensive, but much more satisfactory, as better grasses can be thus obtained, and the quality and variety of the grasses have a great deal to do with the appearance and permanency of the lawn.



CELOSIA THOMPSONI MAGNIFICA.

Pure white, large
Packet 10c



EMPRESS CANDYTUFT.
See page 50.



CENTAUREA IMPERIALIS.
See page 53.



SHASTA DAISY.
See page 54.



GIANT CALIFORNIA COSMOS (See page 54).

CARNATIONS. The seed we offer is saved from one of the finest collections in Europe.

Best Double Mixed.—Blooms the second summer from seed.

Packet 5c

Double Red Grenadin.—Dwarf, compact growth; blooms early the second season.

Packet 5c

Early Double Dwarf Vienna.—Produces double, sweet-scented flowers in large variety of colors and in great profusion. Blooms the second summer from seed.

Packet 5c



CENTAUREA CYANUS

produced on long, stiff stems, the flowers are admirable for cutting.

CENTAUREA GYMNOCARPA, or DUSTY MILLER.—This is planted for its silvery gray foliage, not for flowers; for bedding and borders.

Packet 5c

MARGARET.—These superb carnations are very popular, not only by reason of their fine double fragrant flowers, but also because they can be treated as annuals. Like the China Pinks they flower freely the first season from seed. They yield a profusion of fragrant flowers in great variety of colors.

Extra fine mixture.

Packet 5c

DWARF MARGARET.—Like its parent, the Margaret, this carnation blooms in four months from sowing. Dwarf and erect growth. Extra fine mixture.

Packet 5c

Centaurea Cyanus. Known as Bachelor's Button, Corn Flower, Blue Bottle, Bluet, Ragged Sailor, etc. Fine for cut flowers.

Emperor William, single blue. Single Mixed. Double Mixed.

Packet 5c

Centaurea Imperialis or Royal Sweet Sultan

Beautiful, sweet-scented, artistically shaped flowers borne on long, strong stems, and when cut will stand for a week in good condition. Of the easiest possible culture, and flowers continuously from early summer till autumn. See illustration on page 51. We offer the following colors:

Alba, pure white. **Armida,** lilac. **Favorita,** brilliant rose.

Graziosa, dark lilac.

Gigantea Alba, new giant white.

Suaveolens, yellow. **Mixed.**

Packet 5c

CENTAUREA ODORATA MARGARET.—Very handsome plants growing about 18 inches high and producing large, pure white flowers, exquisitely laciniate and delightfully scented. Being

Packet 5c

CHRYSANTHEMUM

The demand for these showy and useful flowers is increasing very rapidly. They bloom freely during the summer and until late in the fall, making a splendid display in flower beds; also useful for pot culture. Succeed best in rich loam, well dressed with rotted manure.

ANNUAL

Carinatum Chameleon.—A large flowering variety, which has received the name Chameleon, because the colors of the flowers on one and the same plant are constantly changing.

Packet 5c

Carinatum Eclipse.—Pure golden yellow, very distinctly marked with clear-cut ring or band of purple scarlet.

Packet 5c

Hybridum Fimbriatum Pl.—Finely fringed petals; red and dark shades predominate; double. Packet 5c

Inodorum Plenissimum.—Double snow-white flowers throughout the summer and fall.

Packet 5c

PERENNIAL

MAXIMUM PERFECTION, OR OX-EYE DAISY.—A free blooming hardy perennial, two feet high, is literally smothered with pure white, yellow-centered flowers. Splendid cut flower.

Packet 5c



CHRYSANTHEMUM MAXIMUM



CINERARIA.

Finest Hybrids.—In splendid mixture.

Convolvulus. *Mauritanicus.*—A beautiful trailing variety for vases, baskets, etc. Flowers blue with white and yellow throat. Per packet 5c

Tricolor.—Beautiful rose-colored flowers with pure white center, fringed with purple and shading toward golden yellow. Per packet 5c

COSMOS. *Giant California.*—For cutting for bouquets and vases this is one of the finest flowers grown, lasting in water for a week; the long stems and feathery foliage lend themselves to graceful arrangements. The plants, five to six feet high, of symmetrical pyramidal form, are one mass of feathery, emerald green foliage, studded with mammoth flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. (See special half-tone plate VIII).

Giant Pink. **Giant White.**—The Pearl. **Giant Crimson.** **Giant Mixed.** Per packet 5c

Early Flowering Cosmos.—Comes into bloom in July and continues to flower until cut down by severe frost. Mixed. Per packet 5c

Early Flowering "Dawn." Flowers pure white with a delicate touch of pink at the base of petals. Dwarf Cosmos.. Per packet 5c

CYCLAMEN. Charming bulbous-rooted plants, with beautiful foliage and rich-colored orchid-like fragrant flowers; they require sandy loam.

Persicum Giganteum.—A great improvement over the old sorts; each flower measures from two to two and one half inches in length.

Mont Blanc.—Pure white. **Dark Blood Red.** **White with Carmine Eye.** **Rosa von Marienthal.**—Day-break pink. **Magnificum.**—White spotted and flaked red. **Giant Flowered Cyclamen** in finest mixture.

Per packet 5c

Daisy. (Perennial).—An old favorite which scarcely needs description. In bloom from April to June.

White, Deep Rose. Per packet 10c

Shasta Daisy.—A magnificent hardy perennial of the easiest culture. The seeds should be sown early. Bears immense flowers of purest white, on long wiry stems. Splendid cut flowers of good lasting qualities. (See illustration page 51).

Per packet 10c

Chrysanthemum.

(Continued.)

Frutescens.—Known also as "*Marguerite*" or *Paris Daisy*. Very popular with florists.

Large, white, star-shaped flowers. Two to three feet. Per packet 5c

Japanese Chrysanthemums.—If seed is sown in February or March the plants will bloom profusely next fall. Magnificent, enormous flowers in finest varieties. Per packet 10c

CINERARIA. A very pretty genus of plants, growing from one to three feet high. The flowers are of wondrous beauty, being brilliantly colored.

Hybrida Grandiflora.—(Large flowered). Per packet 25c

Bedding Cinerarias.—These are perennials and have silvery foliage.

Maritima Candidissima.—White foliage; compact habit. Per packet 5c

COLEUS.—Highly ornamental foliage plants in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens. Height, one to two feet.

Per packet 15c



CYCLAMEN.



CYPERUS.

red with white, double dark blood-red, double dwarf dark blood-red. Separate colors or mixed.

Cyperus, or Umbrella Plant.—Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Per packet 5c

Delphinium.—(See Larkspur).

Digitalis or Foxglove.—The tall flower stems of the Foxgloves are particularly handsome when seen growing among shrubbery, or in bold masses along walks or drives. Used as a background for lower plants they are also very fine. The long spikes are thickly strung with scores of showy, thimble-shaped flowers. Mixed. Per packet 5c

DRACAENA OR CLUB PALM.—Dracaenas are largely used for massing with other plants on the lawn, or as single specimens. They are of the easiest culture, fast growers and require no special care.

D. Indivisa.—Has narrow, long and pendulous leaves. Is particularly fine for hall or porch decoration. Per packet 5c

DIANTHUS. Chinese Pinks.—

—One of the most useful and desirable plants and for beauty and variety of colors and markings cannot be surpassed.

Double white, double spotted, double striped, white with red, double dwarf pink, double dwarf dark blood-red. Separate Per packet 5c
(See illustration page 42.)

HEDDIWIGGI ANNUAL PINKS. Eastern Queen.—Beautiful marbled; single.

Crimson Belle.—Is of rich, vivid crimson color, single.

Double Striped.—White striped with carmine.

Double Dwarf Pink.—

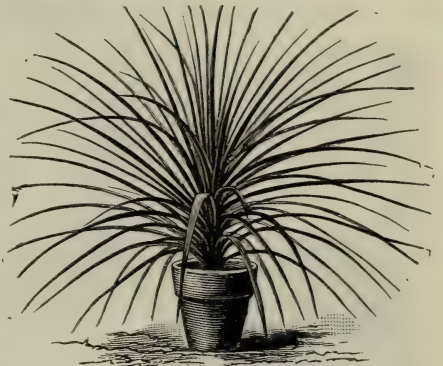
Double Dwarf White.—

Laciniatus fl. pl.—Double giant-flowering, beautifully colored Pinks; fringed flowers.

Separate colors and mixed. Per packet 5c

Hardy Perennial Pinks. Plumarius Fl. Pleno.—

Double, large-flowering Pheasant's Eye Pink, with fringed edges, of various colors, mixed. Per packet 5c



DRACAENA.

EVERLASTING FLOWERS.

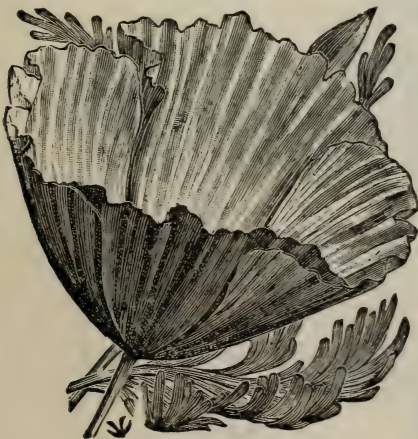
AMMOBIUM.—A favorite everlasting with white flowers; cut before fully open. Per packet 5c

Globe Amaranth. Gomphrena Globosa.—Large cloverlike heads of flowers. Per packet 5c.

Helichrisum.—Showy summer blooming plants, flowers large and double; in shades of white, yellow, crimson, etc. Per packet 5c

ESCHSCHOLTZIA OR CALIFORNIA POPPY.

New California Poppy.—"Rosy Morn."—A distinct new shade, producing flowers of a form hitherto unknown in the Eschscholtzia species. The rosy white petals are delicately channelled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose yellow hue, enhancing the beauty of this charming flower. Per packet 5c



ROSY MORN.

Bush Eschscholtzia or Hunnemannia.—

The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks.

Per packet 5c



HUNNEMANNIA.

Eschscholtzia or **California Poppy**.—Richly colored flowers, very showy. *Bright Yellow, Double White, Pink, Striped, Deep Orange, Curmine.* Per packet 5c

FEVERFEW (*Pyrethrum*).—This family contains the well-known "Golden Feather," a low growing plant with yellow foliage for ribbons, beds and edgings.

Yellow Curled Foliage.—

Matricaria-Double White Flowers.—

Per packet 5c

Forget-Me-Not. *Myosotis*.—Succeed best in a damp, shaded situation, but will thrive well in any garden soil. Height six inches.

Palustris Semperflorens.—(Ever-flowering.) Blooms continually from spring to fall. Per packet 5c

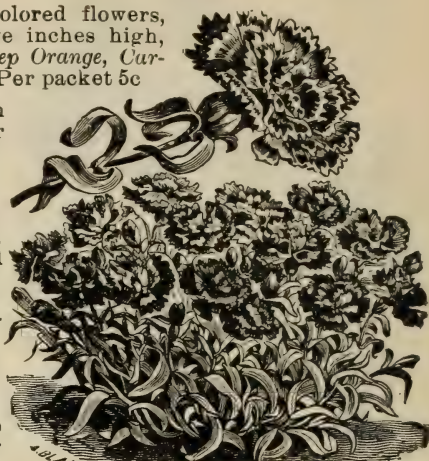
Dissitiflora.—Large sky-blue flowers; very early.

Per packet 5c

Victoria.—Grows perfectly round in shape; covered with large umbel-shaped flowers of azure blue, remaining in bloom a long time.

Per packet 5c.

Four O'clock. Large growing, shrublike plants with funnel-shaped flowers of many colors. They derive their name from their curious habit of expanding in the afternoon. Height, two feet. **Many Varieties Mixed.** Per packet 5c



CHINA PINK.



GAILLARDIA
GRANDIFLORA
MAXIMA

GAILLARDIA. Exceedingly showy; produces large flowers of scarlet, white and yellow, borne freely throughout the summer

Amblyodon.—Carmine with dark center.

Lanceolata.—

Yellow and brown. **Lorenziana.**—Double varieties mixed.

Picta.—Red, with narrow yellow border.

Picta Fistulosa.

—Quilled.

Josephus.—Beautiful, large flower with

broad yellow border.

Marginata.—Red, with narrow

white border. Mixed.

Per packet 5c

Gaillardia Grandiflora Maxima Kermesina.

Rich crimson center with a border of canary yellow. The flowers are immense, often 3 inches across, and are borne on long, stout stems. They are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet. They thrive in almost any position and soil, require no protection, and practically take care of themselves. Packet 10c

GODETIA. Desirable garden flowers; very free blooming; succeed in any soil.

Mixed colors, per packet 5c



GODETIA



GAILLARDIA, ANNUAL VARIETIES.



LARKSPUR, HYACINTH FLOWERED.



HELIOTROPE.

GLOXINIA. A magnificent class of house-blooming, bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our mixture contains the finest strains and will produce the most beautiful flowers. Per packet 25c

HELIANTHUS (Sunflower.) *Nanus fl. pl. Dwarf Double Yellow.*—A dwarf variety, flowers very double, rich and golden yellow. Excellent cut flowers. Per packet 5c

Stella.—Well branched and bushy and attains a height of about three feet. Covered with finely formed flowers, about three inches across, of golden yellow, with black disc, and borne on long stems, which rise well above foliage. Per packet 5c

Helianthus Cucumerifolius "Orion."—A sport of "Stella." It has all the good qualities of "Stella," but the petals of the flower are twisted, so that it reminds one of the flower of a yellow colored single Cactus-Dahlia. Per packet 5c

HIBISCUS AFRICANUS.—A branching plant of the easiest culture, with rather pretty foliage and large exceedingly showy cream colored blossoms, purple in the center; two feet high. Per packet 5c

HOLLYHOCK. (*Althaea Rosea.*)—An old fashioned favorite, which should be sown in June or July to have flowering plants the next summer, or if sown in the house early in spring they will bloom the first year. Height, four to six feet. Good Mixed. Per packet 5c

Chater's Prize. Seed saved from the finest English strain; will produce extremely large and double flowers. Pure white, yellow crimson, scarlet, pink, cherry, and white. Per packet 15c

Charter's Best Mixed.—

Per packet 10c

HELIOTROPE.—Deliciously fragrant flowering plants, great favorites for pot culture in winter or bedding out in summer; large umbels of purple, lilac or white flowers are continually borne. Finest mixed. Per packet 5c

ICE PLANT.—Suitable for rock work, hanging baskets, etc., foliage thick and fleshy and of a frosted wax-like appearance.

Crystallinum.—Pink flowers.

Per packet 5c

Tricolor.—Three-colored.

Per packet 5c.

LARKSPUR. Very showy plants with pretty flower spikes; free bloomers; should be sown in fall or early in spring.

Double Dwarf Hyacinth Flowered.—Finest Mixed; 1½ feet. Pkt 5c

Perennial Larkspur.—These are valuable plants for the permanent bed or border, furnishing an ample supply of flowers.

New Chinese Larkspur.—A perennial plant of great beauty. The plants produce a great number of handsome blue flowers on wiry stems. Being a hardy perennial, the plants increase in size with age. Per packet 5c

Grandiflorum Flore Pleno.—Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of color in finest mixture. Per packet 5c

Linum, Flowering Flax.—Scarlet; very attractive bedding plants. Per packet 5c

Kochia Tricophylla or Summer Cypress



Regular pyramids of cypress-like appearance. The leaves are light pea-green until September, when they change to carmine and blood-red. Packet 10c

LOBELIA. A dwarf plant with delicate, graceful foliage and pretty fine flowers. Of value chiefly for hanging baskets and border work.

Erinus Gracilis.—Best for hanging baskets. Per packet 5c

Erinus Erecta Speciosa.—(*Emperor William.*)—Dark blue, white eye. Dwarf. Per packet 5c

CRYSTAL PALACE. (*Compacta.*)—Deep blue, dark foliage, fine bedder, 6 inches. Per packet 5c

LUPINUS. (*Sun Dials.*)—Disirable bedding plants with long, graceful flower spikes, bearing richly-colored pea-shaped flowers.

Dwarf Sorts.—Choice mixture.

Per packet 5c

MIMOSA. **Sensitive Plant.**—A most interesting little plant, being so sensitive that a touch from the hand will instantly cause the leaves to fold up. When the hand is removed they will unfold again in a few moments. Small pink flowers. Per packet 5c

MIMULUS. **Moshatus.** (*Musk Plant.*)—The thin, delicate leaves emit a delicate musk odor.

Per packet 5c



LOBELIA



MARIGOLD.

MARIGOLD. Tagetes.—A class of showy and extremely effective flowers of rich and beautiful colors

Fistulosa.—Sulphur yellow quilled. Per packet 5c

Faviflora.—Brown. Per packet 5c

Striata.—Double Striped. Per packet 5c

Gold Striped, Dwarf. Maroon tipped gold. Packet 5c

CALENDULA. Pot Marigold.

Pongel fl. pl.—Double white. Per packet 5c

Meteor.—Large double yellow flowers, striped with orange. Packet 5c

Prince of Orange.—Similar to "Meteor," but much darker. Packet 5c

Ranunculoids fl. pl.—Double orange. Per packet 5c

Pure Gold.—Pure golden yellow; large double flowers, borne profusely until frost. Per packet 5c

Le Proust.—Orange yellow, very double. Per packet 5c

Officinalis.—Large flowering, extra double; deep scarlet. Per packet 5c

MIGNONETTE. (*Reseda Odorata*).—A well known annual, with spikes of deliciously fragrant flowers. Indispensable in every garden.

Golden Queen.—Dwarf; golden yellow spikes. Per packet 5c

Odorata.—Sweet scented. Per packet 5c

Odorata Grandiflora.—Very large flowered. Packet 5c, ounce 15c

Machet.—Undoubtedly the best Mignonette yet sent out. The dwarf and vigorous plants are of pyramidal growth, producing very thick, stout flower stalks, throwing up numerous dark green leaves, which terminate in long, broad spikes of deliciously scented red flowers. It is the best sort for pot culture. Per ounce 50c, packet 10c

Goliath.—Giant trusses of flowers of pure bright red color. Compact growth, rich green foliage. Excellent for cutting or pot plants. Per packet 10c

New Mignonette Machet "Ruby."—A variety of Machet Mignonette, showing the same compact habit of growth as the older sort, while its large, extremely thick flower spikes are of bright copper-scarlet color, such as has never yet been produced in any other existing Mignonette. Per packet 10c

Allen's Defiance.—Full, round spikes of great length; very fragrant and fine for cutting. Per packet 5c



MIGNONETTE "GOLIATH."

NASTURTIUMS. The dwarf varieties of Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom. The tall sorts are admirably adapted for rock work. They flower most profusely when planted in poor soil, and remain in bloom a long time; stand heat and drought without the slightest effect. The seed, if picked young is an excellent substitute for capers

TROPHAEOLUM.

Dwarf Varieties.

Aurora.—Deep chrome yellow, the two lower petals blotched and veined carmine.

Atrococcineum.—Deep scarlet, very pretty.

Beauty.—Canary, splashed scarlet.

Crystal Palace Gem.—Sulphur yellow with maroon spots.

Cattel's Crimson.—Deep crimson.

Dwarf Nasturtium "Chamaeleon."—This strain is remarkably dwarf. Its flowers present many attractive colors and markings and are carried well above the foliage. The same general description applies to this as well as to the tall variety. Per packet 5c, ounce 20c

Empress of India.—Splendid variety, with very dark leaves and crimson flowers.

Golden King.—Brilliant yellow, dark foliage.

King Theodor.—Dark green foliage, flowers velvety, almost black.

King of Tom Thumbs.—Intense scarlet flowers and dark foliage.

Prince Henry.—Beautiful golden-yellow, spotted and marbled with brilliant scarlet, which in combination with the dark green foliage presents a striking appearance.

Pearl.—Creamy white.

Roseum.—Pink.

Spotted King.—Yellow splashed with brown; very handsome.

Dallwig's Special Mixture of Dwarf Nasturtiums.

All the above named sorts in even mixture, put up by ourselves; will furnish the most beautiful bed. Per packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c



MIGNONETTE.



NIGELLA (See page 63).



PANSY. TRIUMPH OF THE GIANTS (See page 64).



PHLOX DRUMMONDI (Page 65).



LARGE FLOWERING SINGLE FRINGED
PETUNIA (See page 65).



LARGE FLOWERING DOUBLE FRINGED
PETUNIA (See Page 65).



STAR PETUNIA (See page 65).

CLIMBING NASTURTIUMS.

Brilliant Fulgens.—Dark scarlet with dark green leaves.

Coccineum Multiflorum.—Scarlet.

Crown Prince of Prussia.—Brilliant dark blood red.

Flammulum Grandiflorum.—Scarlet, splashed with yellow.

Tall Nasturtium "Chameleon."—It is unique in bearing flowers of quite distinct colorings on one and the same plant—some clear, deep crimson, others blotched on light ground and others beautifully mottled. The tall variety, with its very large rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom the entire season.

Per packet 5c, ounce 20c

Hookeri.—Dark yellow, spotted brown.

New Climbing Nasturtium, Mad. Gunther's Hybrids.

—For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and free and continuous bloomers. It is impossible to describe all the different colors. It contains a great many colors that are not found in any other mixtures. Per packet 5c, ounce 15c

King of Blacks.—Almost black.

Lucifer.—Deep scarlet with dark foliage.

Mercier Lacombe.—Reddish-brown.

Spitfire.—Bright red.

Sulphureum.—Sulphur-yellow.

Triomphe D'Hyeres.—Bright scarlet.

Dallwig's Special Mixture of Tall Nasturtiums.



NASTURTIUMS, MAD. GUNTHER'S HYBRIDS.

All the above varieties in best mixture. No better offered anywhere. Per packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c

NICOTIANA. Affinis.—An annual with sweet scented, pure white, star-shaped flowers, three inches across, blooming continually.

Per packet 5c

SYLVESTRIS.—Large clusters of long, slender, star-shaped, fragrant flowers of snowy whiteness, pyramidal growth.

Per packet 5c

NIGELLA. Free blooming plant with blue flowers and very graceful foliage; grows in any garden. Red, white, blue.

Per packet 5c.

PANSY.

It is needless to say anything in praise of this universal favorite. Pansy seed is a specialty with us and we have not only the finest collection of varieties but also the very best seed of each variety.

Dallwig's Large Flowering Pansies.

While the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers, Dallwig's Large-Flowering Pansies excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain is from a specialist who has devoted his life to the improvement of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

President Carnot.—

(New.)—Ground color white; each petal almost covered with a deep rich velvety blotch of dark violet blue, leaving a broad white margin.

Dark Purplish.—Violet.

Dark Bloodred.—

Golden Gem.—Yellow.

Dark Purplish Violet, with white edge.

Quadrilateral.—One of the prettiest; upper petals and marbled.

Auricula Colored.—

Azure Blue.

Baron von Rothschild.—With brown blotches.

Emperor Frederick.—

(New.)—Dark purplish-red flaked with gold, bronze center and scarlet edge, shading into yellow.

Brownish Red.—

Snow-Queen.—

Cardinal.—

Fuerst Bismarck.—

Bronze marbled.

Yellow with Center.

Striped.—Extra.

Gold Margined.—Most distinct.

Light Blue.—

Sky Blue edged White.

Emperor William.—Ultra-marine blue with dark center.

Victoria.—Bright red; new.

Mahogany Colors.

Meteor.—Brownish red.

Lord Beaconsfield.—Purple-violet with white; very effective.

King of Blacks.—

Dr. Faust.—Jet black with satiny gloss.

Purple Margined Gold.—

Rubra.—Splendid reds.

sky blue, edged with violet; lower petals spotted

Large Flowering Pansies. (Continued.)

Peacock.—Upper and lower petals royal purple, shot with peacock blue; coloring truly beautiful.

Violet Blue.—

Purple Margined White.—

Violet with White Border. **White, Spotted Center.**—

Dallwig's Large Flowering in Splendid Mixture.

Per packet 5c, ounce \$1.25

GIANT PANSY.

The term "GIANT PANSIES" does not adequately describe these new strains, for aside from the enormous size which gives them their name, their colorings are simply superb and their form and substance perfect.

Giant Trimardeau Improved.—A greatly improved strain. Flowers of immense size and larger variety of colors than are generally offered under that name. We offer the following colors:—

Giant Emperor William.—Color splendid ultra-marine blue with purple-violet eye.

Giant Adonls.—Magnificent light blue with white centre.

Giant Auricula Colors.—Of especially good substance and beautiful shadings of copper and mahogany colors.

Giant Yellow with dark center.

Giant Striped.

Giant White Ground, Marbled.

Giant King of Blacks.

Giant Violet Blue.

Giant White, Spotted Center.

GIANT TRIMARDEAU IN BEST MIXTURE. All the above colors and shades.

GIANT ODIER. Flowers large, spotted on each petal. Splendid mixture.

GIANT CASSIER.—This is a very fine mixture of Pansies with three or five blotches on rich backgrounds. The flowers are very large, round and borne on stiff stalks emerging from bushy, compact plants. This mixture contains a great many red shades.

GIANT BUGNOT.—Flowers of enormous size and the most circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings are wonderfully rich and comprise tints of red, bronze and reddish brown that are not to be found in any other mixture.



NEW PANSY "MASTERPIECE."

Giant Golden Gem.—Clear golden yellow.

Giant Snow Queen.—Pure white.

Per packet 10c, ounce \$2.50

Per packet 10c, ounce \$4.00.

Per packet 10c, ounce \$4.00

Per packet 10c, ounce \$5.00

"Triumph of the Giants".—The plants of this novelty, which in every respect surpasses anything heretofore offered in Pansies, distinguish themselves by their robust, compact growth and enormous, five-spotted, perfectly round flowers of unusual substance. In most of the flowers the border of each petal is conspicuously undulated and curled. The beauty, brilliancy and richness of color are most striking; many rare and new tones of red and brown will be noted.

Per packet 15c

"Masterpiece."—The margin of each petal is conspicuously undulated and curled. The flowers are of extremely large size, borne well above the foliage on strong stems.

Per packet 15c

GIANT HORTENSIA.—New magnificent pink. Color of Hydrangia.

Per packet 15c

Dallwig's Giant Pansy Mixture.

This mixture comprises all of the above strains and varieties of Giant Pansies in most satisfactory proportion of colors.

Per packet 15c, 2 for 25c, ounce \$3.50



CASSIER'S
GIANT
ODIER



CELESTIAL PEPPER.

CHRISTMAS OR CELESTIAL PEPPER.—One of the very best introductions in berried plants. The plants are covered with bright colored cone-shaped fruit at Christmas. Per packet 10c

PERILLA. Handsome foliage plants, 18 inches high, with ornamental bronze red leaves, very effective for ribboning.

Nankinensis Atro. Lacinlatis.—Deep mulberry foliage; edges finely cut. Per packet 5c

Nankinensis Macrophylla Compacta.—Finely cut, copper-brown foliage, with green background of metallic lustre; dwarf. Per packet 5c

PETUNIA.—For freedom of bloom, variety of colors, ease of culture and effectiveness these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

Finest Hybrids, Mixed.

Per packet 5c

Large Flowering, Single Petunias.—

Per packet 10c

“ “ **Fringed.**—

Per packet 15c

“ “ **Double Fringed.**—

Per packet 15c

New Star Petunia.—Ground color dark crimson maroon, with violet veinings. The star is a very light blue pink, some almost white, which deepens in color as it reaches the margin, and finally blends with the maroon ground color.

Per packet 15c

PHLOX.—Invaluable for bedding, masses and cut flowers, bright colors, which vary from the purest snow white to the deepest blood red. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox.



PETUNIA.

Phlox Drummondii.—Many colors mixed. Packet 5c, ounce 50c

Large-Flowering Phlox.—Produce flowers twice the size of the common, with the most brilliant colors imaginable.

Alba.—Pure white; extra large.

Per packet 5c, ounce \$1.00

Coccinea.—Bright red.

Per packet 5c

Atropurpurea.—Deep red.

Per packet 5c

Finest Mixed.

Per packet 5c

Fimbriata. Fringed.—The petals are beautifully imbricated, giving the flower a regular starlike form, whose beauty is improved by broad, white margins. All colors.

Per packet 5c

Star of Quedlinburg.—The center petals, which are five in number, are elongated from four to five times the length of the lateral ones. Distinct and star-like.

Per packet 5c

Dwarf Phlox. (Phlox Drummondii Nana Compacta.)—These are much



PHLOX.

superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes, about 8 inches high.

Per packet 5c

Graf Gero.—Dwarf; adapted to pot culture. Florists' sort.

Per packet 10c

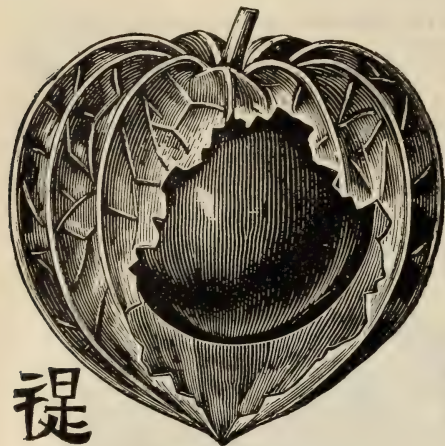
Hardy Phlox.—They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Their handsome trusses of flowers are very showy and last a long time. Best large flowering, newest varieties mixed. (See plate XI.)

Per packet 5c

PHLOX—
Star of
Quedlinburg

**Old-Fashioned
Hardy Flowers**

Were never more popular than
now. See our List in this
Catalog. :: :: :: :: ::



提

PHYSALIS.

Miss Sherwood.—Bears profusely large single flowers of a satiny white, upper half of corolla being a silky chamouis rose; a combination of rare delicacy.

Per packet 5c

Danebrog.—Fine single poppy, flowers scarlet, with white spot on the base of the petals. Packet 5c

DOUBLE.

Paeony Flowered Double.—Flowers in size and color equal to Paeonies.

Double Paeony Flowered.—Scarlet. Packet 5c

“ “ “ —Pink. Packet 5c

“ “ “ —Mixed. Packet 5c

Mikado.—Pure white at the back, the fringed edges brilliant scarlet. Per packet 5c

HARDY POPPIES.

Oriental Poppy.—Unequalled in brilliancy of colors. Flowers very large and range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Perfectly hardy. Mixed. (See plate XI.)

Per packet 5c

Oriental Poppy.—Scarlet.

Per packet 5c

Iceland Poppy. (*Nudicaule*).—These Poppies are perfectly hardy and produce in endless profusion flowers which are most useful for cutting. They are of a very graceful, neat habit with slender stalks about 12 inches in height, surmounted by yellow, white, or orange-scarlet flowers.

Per packet 5c

Dallwig's Special Poppy Mixture.—Comprises all the annual Poppies described above, making a splendid color display.

PHYSALIS. (*Chinese Lantern Plant*). **Franchetti.**—An elegant ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which are said to be superior to the Winter Cherry for cooking, preserving or eating raw, but it is as an ornamental plant that we think it will be most appreciated. A perennial, blooming year after year. (See cut).

Per packet 5c

POPPY. Poppies are steadily regaining their old-time popularity. This is not strange when we consider how many new varieties have been introduced and how large a list of desirable kinds we now offer. Their brilliant dazzling colorings and wonderful variety make a very effective display in the garden or for cut flowers.

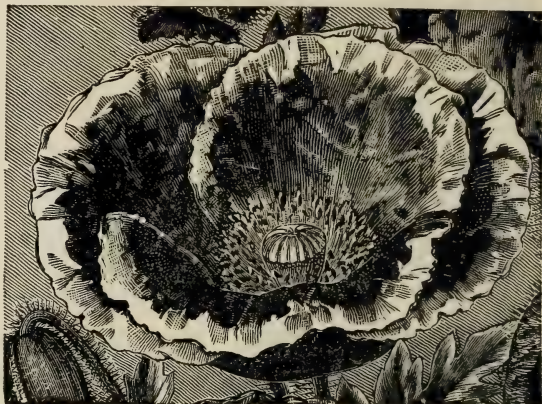
SINGLE.

Mephisto.—Striking scarlet color beautifully spotted with dark violet blotches.

Per packet 5c

Shirley.—The colors of this Poppy are so varied that scarcely two will be found alike, ranging from white, rose and carmine to bright sparkling crimson.

Per packet 5c



Santa Rosa Poppy—A new strain of Shirley Poppies, originated and improved by Luther Burbank. Combines all the delicate beauty in color of the original Shirley and Shirley types, and with these the whole flower in all of its petals is beautifully crimped.

Per packet 5c

See also **Eschscholtzia** or **California Poppy**, pages 55 and 56.

PORTULACA.—

(*Moss Rose*).—For brilliant, beautiful and delicate flowers these lovely plants have no equal. Grows in a dry hot situation, where any other plant would soon die.

Single Mixed.—

Ounce 35c, packet 5c

Double Mixed.—

Per packet 10c



PORTULACCA.

PRIMROSE.—Chinese Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. Sow in February or March in very fine light soil. Pot into small pots, shift two or three times during the summer and keep in a cool, moist, shady place and success is sure. Our Primula seed is from the best European growers. We furnish florists largely with our strain and it gives satisfaction to everybody.

Single, large flowering fringed Chinese.

Per packet 15c

Primula Obconica, New Large Flowering.—An everblooming Primrose which blooms during eight months of the year. Flowers borne on stems about nine inches high. If sown in March will bloom in June. It is one of the most useful pot plants for the window, and if planted out makes a very attractive border plant. White, lilac or mixed.

Per packet 10c

"BABY PRIM-ROSE." (*Primula Forbesi*).—The illustration shows the great freedom with which it bears its flowers. They are of

a delicate rose color and they keep fresh for a long time after cutting. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing for some weeks when the flowers may be allowed to develop, and from then on they produce their sprays of beautiful flowers in seemingly never ending profusion.

Per packet 10c

RICINUS. Known as "Castor Oil Plant" and "Palma Christi"; a rapid growing foliage plant with large palm-like leaves, much used for sub-tropical effect on the lawn, or for center beds of foliage plants.

Borboniensis.—Fifteen feet, immense green foliage.

Per packet 5c

Sanguineus.—A distinct variety with beautiful brownish red foliage and bright seed-pods; very effective. Height, six feet.

Per packet 5c



RICINUS—Plant and Seed.

Zanzibariensis.—Ten to fifteen feet high and the leaves measure about thirty inches across and in different plants range from bright green with green stems to deep bronze with dark red stems, all having a brilliant luster.

Per packet 5c

Rudbeckia Bicolor Superba.

One of the brightest and most showy plants. The plant is quite compact, and produces numerous long stems, laden with beautiful, large, yellow flowers, with brown center. Very valuable as a cut flower.

Per packet 5c

SNAP DRAGON.

(*Antirrhinum*).—Beautiful spikes of colored flowers, produced all summer. We offer only the best varieties.

Tom Thumb.—Dwarf growing; one foot. Mixed colors.

Per packet 5c

Half High.—Mixed.

Per packet 5c

"Queen Victoria."—In this splendid new variety are combined elegant, finely cut foliage with unusually large flowers of a brilliant white, borne in great profusion, on long and graceful stalks; will furnish splendid material for bouquets.

Per packet 10c



BABY PRIMROSE.



CHINESE FRINGED PRIMROSE.

SALPIGLOSSIS.—The shape and size of the flowers somewhat similar to the *Petunia* and embraces a great variety of rich colors.

Fine Mixed, from named sorts.—

Per packet 5c

SALVIA. (*Flowering Sage*).—It is one of the most desirable plants for decorative purposes, if planted either singly, in groups, or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in the fall.

Salvia Splendens.—Bright scarlet; large flowering; very fine.

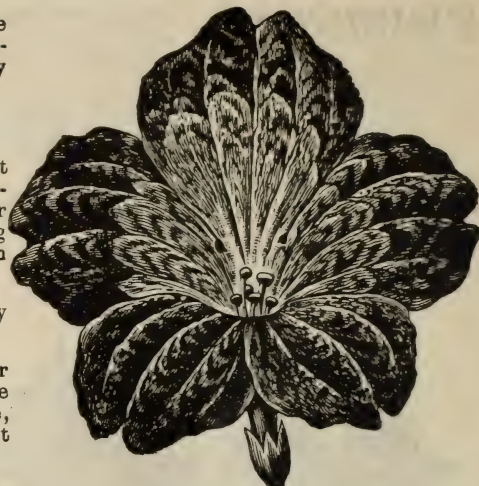
Per packet 5c

Salvia, Clara Bedman. (*Bonfire*).—Handsome globular bushes about 2 feet high by one foot in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet.

Per packet 10c

Salvia Coccinea.—Deep crimson, dwarf.

Packet 5c



SALPIGLOSSIS.

Spotted Leaved Scarlet Salvia. (*Salvia Splendens*, "*Silverspot*.").—The leaves are rich soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large and the plants of neat compact habit of growth. Per packet 10c

New Salvia Splendens, "LITTLE LORD FAUNTLE-ROY."—Foliage 10 inches from ground, the eight inch flower spikes standing erect above the dark-green leaves. The best for bedding.

Per packet 15c

SCABIOSA. (*Mourning Bride*).—Very useful and ornamental plants with rich and beautifully colored flowers, equally effective for beds or borders; excellent for cutting.

Nana Fl. Pl.—Dwarf, extremely double and valuable for bouquets. One foot. Mixed color.

Per packet 5c

COMPACTA.—Half-high.

Dark Brown,

Dark Brown with White,

Cherry,

White,

White and Lilac, Lilac,
Per packet 5c

Purple, Cherry and White,
Mixed.

SNOWBALL SCABIOSA.—The flowers of this new Scabiosa are large

measuring fully 2 inches, in diameter, of purest white and very double. The stems are very strong and the foliage luxuriant. Fine for vases and bouquets.

Per packet 5c

SEDUM. Stonecrop.

—A useful dwarf plant for rockwork baskets. Flowers star-shaped. Mixed. Per packet 5c

SILENE. Catchfly.—

Bedding plants of dwarf growth and covered with bright, red-colored flowers. Height, one foot.

SWEET WILLIAM.—The Sweet Williams are generally sown in August or September, but may also be sown in the spring.

Large Flowering.—Single Mixed.

Per packet 5c

"

"

Double "

Per packet 5c



SALVIA SPLENDENS.



SCABIOSA.

Per packet 5c



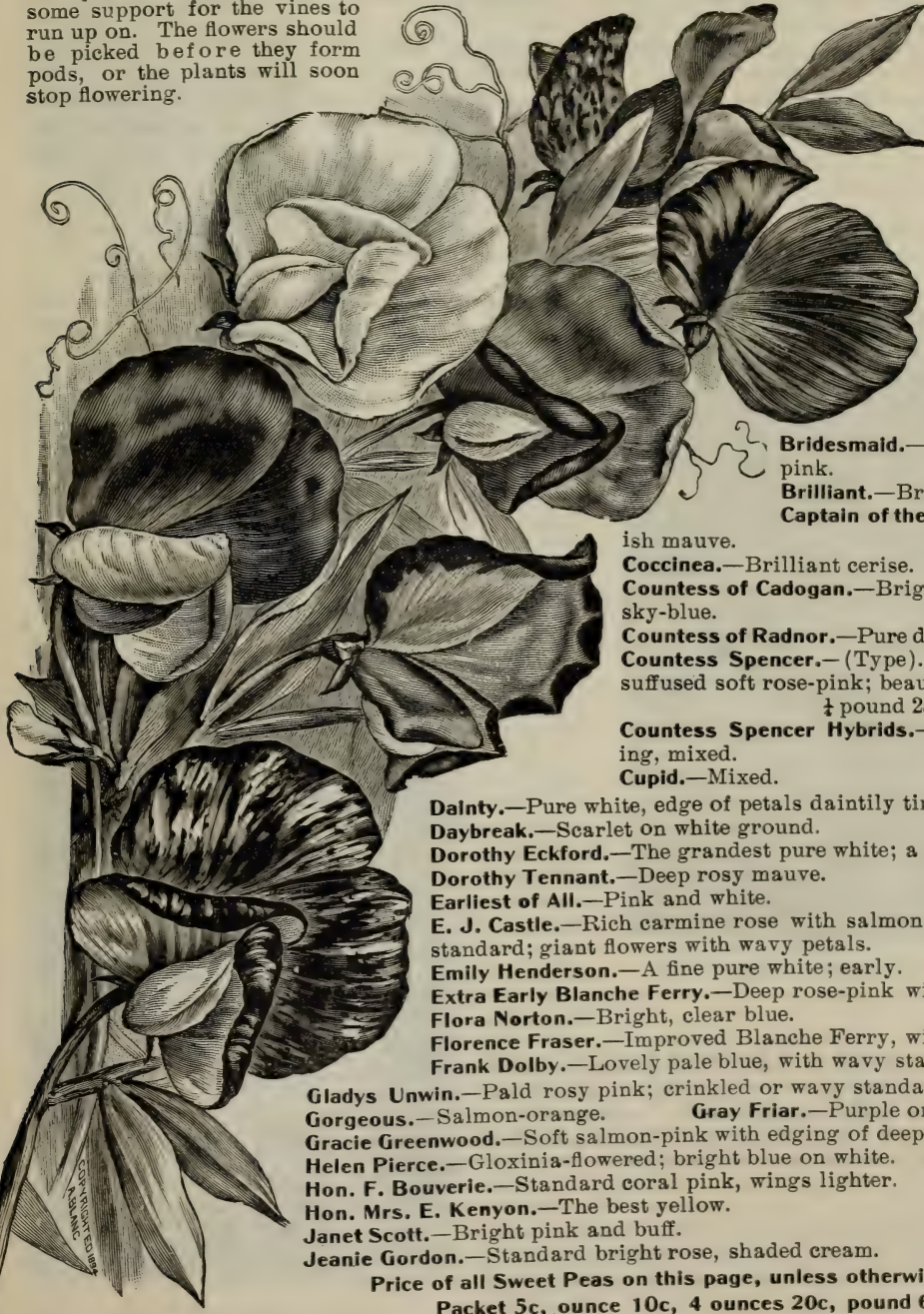
SWEET WILLIAM.

SWEET PEAS.

Everyone who Cultivates Flowers Should Plant Sweet Peas. Our List Includes all of the Best Varieties Both Old and New.

FOREMOST IN EASE OF CULTURE. MOST VARIED IN BOUNTEOUS TINTS. FRAGRANT AS ANY FLOWER.

The Sweet Pea is one of the most popular flowers in cultivation, and numbers among its enthusiastic admirers thousands of skilled cultivators. It is a free flowering climber and considered one of the best annuals that enrich the flower garden. Early in spring make a trench about 6 inches deep in rich, mellow, but not light soil, so arranged that no water can stand in it, and plant the seed in the bottom, taking care not to cover it more than two inches. When the plants are about 5 inches high, fill up the trench, and furnish some support for the vines to run up on. The flowers should be picked before they form pods, or the plants will soon stop flowering.



Agnes Johnston.—Bright rose-pink, shaded cream.

Appleblossom.—Bright rose and pink.

Aurora.—White flaked orange-salmon.

Blanche Burpee.—Large, pure white.

Blushing Beauty.—Fine pink.

Boreatton.—Crimson-purple.

Bridesmaid.—A bright deep pink.

Brilliant.—Bright scarlet.

Captain of the Blues.—Purple

ish mauve.

Coccinea.—Brilliant cerise.

Countess of Cadogan.—Bright violet, wings sky-blue.

Countess of Radnor.—Pure delicate lavender

Countess Spencer.—(Type). Silvery white, suffused soft rose-pink; beautifully waved.

$\frac{1}{2}$ pound 25c, pound 75c

Countess Spencer Hybrids.—Orchid flowering, mixed.

Cupid.—Mixed.

Dainty.—Pure white, edge of petals daintily tinted pink.

Daybreak.—Scarlet on white ground.

Dorothy Eckford.—The grandest pure white; a giant flower.

Dorothy Tennant.—Deep rosy mauve.

Earliest of All.—Pink and white.

E. J. Castle.—Rich carmine rose with salmon shading in the standard; giant flowers with wavy petals. Packet 10c

Emily Henderson.—A fine pure white; early.

Extra Early Blanche Ferry.—Deep rose-pink with white wings.

Flora Norton.—Bright, clear blue.

Florence Fraser.—Improved Blanche Ferry, with longer stems

Frank Dolby.—Lovely pale blue, with wavy standard. Pkt. 10c

Gladys Unwin.—Pale rosy pink; crinkled or wavy standard; very large.

Gorgeous.—Salmon-orange.

Gray Friar.—Purple on white ground.

Gracie Greenwood.—Soft salmon-pink with edging of deeper pink.

Helen Pierce.—Gloxinia-flowered; bright blue on white. $\frac{1}{2}$ lb. 25c, 1b. 75c

Hon. F. Bouverie.—Standard coral pink, wings lighter.

Hon. Mrs. E. Kenyon.—The best yellow.

Janet Scott.—Bright pink and buff.

Jeanie Gordon.—Standard bright rose, shaded cream.

Price of all Sweet Peas on this page, unless otherwise noted,

Packet 5c, ounce 10c, 4 ounces 20c, pound 60c

SWEET PEAS.

CONTINUED.

John Ingman.—Rich salmon-rose; orchid flowered, with wavy petals.

Josephine White.—Early pure white, good for forcing.

Katherine Tracy.—Soft brilliant pink.

King Edward VII.—Intense bright crimson; a giant flower.

Lady Grisel Hamilton.—The best lavender; large.

Lady Mary Currie.—Bright orange-pink.

Lord Roseberry.—Rosy-magenta.

Lottie Eckford.—White, suffused with lavender.

Lovely.—Soft shell pink; shade deeper than Prima Donna.

Marchioness of Chalmondeley.—Cream, overlaid and edged pink.

Miss Wilmott.—Deep orange-pink; of large size.

Mrs. Alfred Watkins.—A superb pale pink of the Gladys Unwin type; very large. Packet 10c

Mrs. Dugdale.—Rose, suffused primrose.

Price of above Sweet Peas, unless otherwise noted, packet 5c, ounce 10c, 4 ounces 20c, pound 60c

"Dallwig's Best Mixed" Sweet Peas. This mixture of Sweet Peas is undoubtedly the finest ever offered. It contains all the best named varieties of the large flowering type, carefully selected and mixed by ourselves, with a liberal proportion of the novelties of the year.

Eckford's Choice Mixed.—

IF SWEET PEAS ARE WANTED BY MAIL, ADD 2 CENTS PER $\frac{1}{4}$ POUND, 8 CENTS PER POUND.



STOCK, BEAUTY OF NICE

this variety. White, pink, crimson, light blue, dark blue, mixed.

Dwarf Bouquet.—Low compact growth; much branched and a long bloomer. White, crimson, light blue, deep blood-red, brilliant rose, mixed. Packet 5c

BEAUTY OF NICE. New Winter Stock.—Well-branched plants bearing a profusion of very large, sweet-scented flowers of flesh-pink color. Blooms in 14 weeks, so that it may be treated as a summer stock. Blooms all summer, fall and winter. Packet 10c

VINCA. Seed must be sown early and the plants will bloom the first summer. Can be taken up in fall like Chrysanthemums, potted and kept in bloom throughout the winter. Mixed colors. Packet 5c

STOCKS. These are among the best and most popular of the garden favorites. In brilliancy of color and sweetness of perfume they are unsurpassed.

Large Flowering Wallflower Leaved.—Deep bloodred, blue, dark blue, crimson, white, yellow. Packet 5c

Princess May.—(Wallflower Leaved.) Fine, large, double flowers, pure yellow. Forms a compact pyramid, bearing flowers one and one-half inches across. Highly recommended. Packet 10c

Giant Perfection, or Cut and Come Again.—This variety is almost a perpetual bloomer. Flowers double and very large. White, dark blue, reddish brown, bright crimson-purple, crimson, mixed. Packet 5c

Mammoth White Column.—Snow white; distinguished by a remarkably vigorous growth, and magnificent, gigantic double flowers, borne on long stems, making them valuable as cut flowers. Packet 10c

Dwarf Pyramidal.—We can highly recommend



STOCK, PRINCESS MAY



VERBENA

VERBENA. The Verbena is one of the most effective bedding plants in cultivation, unrivalled in the splendor of its dazzling brilliancy of flowers; of very neat habit; a constant bloomer. Auricula flowered (white-eyed), pure white, scarlet, dark blue, blue with white eye, striped, Defiance (rich scarlet), mixed colors. Packet 5c

Dwarf Defiance.—Bright scarlet. Packet 10c

Mammoth.—Extra large-flowering in splendid mixture. Seed saved from perfect flowers only. Packet 10c

VIOLA. Sweet Violet.—There is probably no plant that can equal the Sweet Violet for delicate and delicious fragrance. It always has been and always will be a prime favorite. Unsurpassed for planting in borders where the situation is rather moist and shady. They bloom freely and give unending delight with their beauty and fragrance.

Semperflorens Blue.—Everblooming, sweet-scented. Packet 5c

The Czar.—Large-flowering blue. Packet 5c

Wallflower. The conspicuous spikes of the double German varieties have a charming effect, while the compact and more bushy growth and profuse blooming of the single ones render them exceedingly attractive. Half hardy perennials.

Finest Double.—Yellow, brown, and mixed. Packet 10c
Single Mixed.— Packet 5c

ZEJA JAPONICA. A variety of corn with ornamental foliage; leaves green and white. Half hardy annual; six feet high. Packet 5c

ZINNIA

Few flowers are so easily grown from seed sown in the open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August Zinnias are almost incomparably bright. We recommend a free use of them for groups, beds, borders, garden lines and summer hedges. Average height, $1\frac{1}{2}$ to 2 feet.

Large Flowering Dwarf.—White, crimson, yellow, scarlet, pink, orange-red, carmine, purple, mixed. Packet 5c

Mixed Flower Seed

This contains many desirable varieties, and is well adapted for use by woodland walks, and naturalizing purposes, as well as general garden work. Packet 5c



LARGE FLOWERING DWARF ZINNIA

Dahlias. Within the last few years there has been a wonderful revival of interest in the Dahlia. We have carefully revised our list with a view of selecting the best of the newer varieties as respects free and continuous blooming qualities, purity of color and perfection of form. See pages 78 to 81.

GARDENING BY CHILDREN

No occupation is as healthy, innocent or instructive to a child as a practical study of nature. No matter how small the space of ground the pleasure to a child of cultivating a little garden will always develop ambition, and the pleasure of observing the growth from the day the seed sprouts until the plants attain perfection is in itself a lesson which both young and old can appreciate. The good, wholesome benefit derived by the children must necessarily cultivate the mind, while at the same time amuse.

Heads of Institutions and School Managers would do well to cultivate in the minds of the children under their charge a love of nature and the beautiful.

Annual flowers such as Balsam, Mignonette, Four O'Clocks, China Pinks and Phlox are all easily raised and afford a showy display at small cost and little labor. In Vegetable Seeds our selection is unexcelled.

SEEDS OF HARDY PERENNIAL PLANTS.

The popularity of this class of plants, familiarly known as **Old-Fashioned Hardy Garden Flowers**, is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border.



GAILLARDIA GRANDIFL.

Hesperis Matronalis.—Showy spikes of pinkish flowers during June and July.

Hibiscus, Crimson Eye.—Flowers of immense size; pure white, with a large spot of deep, velvety crimson in the center.

Hollyhocks.

For planting in rows or groups on the lawn, or for interspersing among shrubbery they are invaluable.

Chater's Prize Hollyhocks.—Double white, yellow, pink, scarlet, crimson, salmon, and mixed. Pkt. 15c Good Mixed.

Lobelia Cardinalis.—Rich fiery cardinal flowers.

Lychnis Chalcedonica.—Large heads of vermilion-scarlet flowers.

Hardy Phlox. The hardy Phloxes are without doubt the most important of all hardy perennials, and can now be found in almost every garden. They flower from early summer until late in the fall, and contain a range of brilliant colors not found in any other hardy plant. Mixed colors. (See page 84).

POPPY, Oriental.—Mammoth scarlet, with black center. See illustration page 84.

Oriental Hybrids.—Mixed colors.

Iceland Poppies.—Mixed colors.

Scabiosa Caucasicas.—One of the handsomest perennials for cutting purposes. The flowers are of a peculiarly soft and charming shade of lilac-blue. June to September. See page 84.

Stokesia Cyanea.—(Cornflower Aster.) Handsome, lavender-blue, centaurea-like blossoms.

Per Packet 5c, unless otherwise noted.

Seeds of Biennials and Hardy Perennials may be sown in July and August in the open, and in September in boxes and placed in cold frames. They will make strong plants by spring and flower early.

Alyssum Saxatile Compactum.—Golden yellow.

Aquilegia.—Rocky Mountain Columbine. See ill. page 47

Bellis.—Double Daisy. White and pink.

Campanula.—Canterbury Bell. Single mixed, single blue, double mixed, double blue.

Cup and Saucer, mixed.

Carnation.—Double.

Coreopsis Lanceolata.—Bright golden yellow.

Daisy, Shasta.—Large, pure white flowers. See illustration page 83. Packet 10c

Delphinium. Hardy Larkspur. The long spikes of flowers are produced continuously until late in fall.

D. Formosum.—Deep blue with white eye.

D. Sinensis.—

D. Sinensis fl. pl.—Double.

Dianthus Barbatus.—Sweet William. See illustration page 68.

Dianthus Plumarius.—Pheasant's Eye Pink.

Digitalis.—Foxglove. A wealth of flowers in June and July.

Gaillardia Grandiflora.—Showy and effective. Continue one mass of bloom all summer. Center is dark reddish-brown, petals marked with rings of brilliant scarlet-crimson, orange, and vermilion. Packet 10c

Gypsophila Paniculata.—Also known as Baby's Breath. Minute white flowers of beautiful gauze-like appearance August-September.



DIGITALIS (FOXGLOVE)



COREOPSIS
LANCEOLATA

RUNNING VINES FROM SEED

BALLOON VINE. Remarkable for its inflated membranous capsules; sometimes called "Love-in-a-Puff." A rapid and gracefull climber. Flowers white. Per packet 5c

Canary Bird Flower.—One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. Ten feet. Per packet 5c

COBAEA.—A rapid growing climber, sometimes attains the height of thirty feet in a season. Flowers first green changing to a deep blue-violet. To prevent it from rotting place the seeds edgeway and cover slightly with light soil. Per packet 5c

CHARANTIA. (**Balsam Pear.**)—A rapid growing climber with very beautiful fruit, of a rich golden yellow color, which opens when ripe, disclosing the seeds encased in a carmine covering. The fruit, preserved in alcohol, makes a useful liniment. Per packet 5c

Dolichos or Hyacinth Bean. Of quick growth, the foliage dense and handsome, the flowers abundant and pretty, and the seed pods shining, large and of a purple-violet color. Red, white and purple. Per packet 5c

Gourds Ornamental. All of this climbing genus are of rapid growth and produce fruit of peculiar and varied form. **Gooseberry.**—Small, bright green.



COBAEA.

CANARY BIRD
FLOWER

Snake.— **Pear Shaped.**—Green, striped with cream, **Egg, Bottle Shaped, Apple, Orange, Small Onion Shaped, Small Pear Shaped Marbled, Smallest Green Striped Apple, Flattened Bottle. Mixed.** Per packet 5c

IPOMOEA. Elegant twining plants, with handsome, showy flowers and beautiful foliage. Excellent for trellises, arbors, fences, etc.

Cocinea. (*Star Ipomoea.*)—Scarlet free flowering. Packet 5c

Quamoclit. *Cypress Vine.*—A favorite, well-known, climbing vine, with graceful, airy foliage and handsome flowers. Scarlet. Per packet 5c

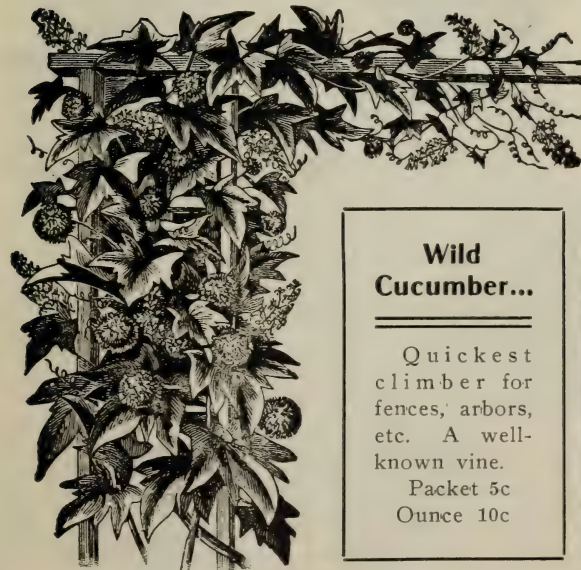
Ipomoea Noctiflora. (*True Moon Flower or Evening Glory.*)—Magnificent climber, producing handsome dense foliage and a large number of clear white, very fragrant flowers. Start in the house and plant out after danger of frost is past. Per packet 5c

NEW JAPANESE HOP. It resembles in habit our common hop, but the foliage is more deeply cut, and very dense. An extremely rapid grower. Per packet 5c
Variegated Foliage.—Very beautiful variety. Easy to grow. Per packet 5c

For Hardy Climbing Vines

See Pages

==86 and 87==



WILD CUCUMBER.

Wild Cucumber...

Quickest climber for fences, arbors, etc. A well-known vine.

Packet 5c
Ounce 10c



ORNAMENTAL GOURDS.



JAPANESE MORNING GLORY

MORNING GLORY. Mixed.—

Per pound 50c, ounce 10c, packet 5c

Momordica Balsamina. (Balsam Apple.)—

Beautiful climbing plant with handsome apple-shaped fruit. Per packet 5c

Maurandia.—A climber having tube-shaped flowers which last until late in the fall. Ten feet.**Maurandia Barklayana.**—Blue. Mixed.— Per packet 5c**PASSION FLOWER.**—Handsome rapid climber, for greenhouse decorations and sunny positions in the open ground in summer.**Passiflora Coerulea.**—Slightly fragrant. Light blue.**SMILAX.**—This is the most useful greenhouse climber known; foliage small, glossy-green, flowers small, white, very fragrant. Eight to ten feet. Per packet 5c**SCARLET RUNNER.**—Height six feet; cultivated for the beauty of its flowers and also as a useful vegetable. Per packet 5c**WILD CUCUMBER.**—Quickest climber for arbors, fences, etc. A well-known vine. Per ounce 10c, packet 5c**LOPHOSPERMUM SCANDENS.**—

Quick growing, graceful climber, excellent for use in hanging baskets, or in a shady situation. Flowers rosy purple.

Per packet 5c

MINA LOBATA.—One of

the most beautiful climbing vines. The flowers appear an forklike racemes, rising almost erect out of the dense and luxuriant foliage; are as buds at first bright red, but change through orange yellow to yellowish-white when in full bloom. It is a very rapid growing climber, forming pyramids of over eighteen feet in height, most ornamental in appearance, the leaves being three lobed.

Per packet 10c

Imperial Japanese Morning Glory.—The

flowers are of exquisite beauty in form and coloring and of enormous size. The colors vary from pure white to rose, crimson and carmine, through blues and purples to almost black, some being mottled, striped, penciled and bordered in infinite variety and diversity. The foliage also is often prettily variegated.

Per packet 5c

Fancy Frilled Japanese Morning Glories.—This mixture contains

a finer and larger collection of colors with larger flowers, more frilled than the ordinary mixture.

Per packet 10c



MINA LOBATA.

Per packet 5c

Per packet 5c

Per packet 5c

Per ounce 10c, packet 5c

VINES. There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest of dwellings, and should be lavishly trained over windows, porches and porticos, or wherever they will add finish and effect. The work should not be overdone, however, and should not be confined to the house alone. Outhouses, as barns, henneries, etc., may be attractively covered and much that is inartistic concealed.

SUMMER FLOWERING BULBS.

AMARYLLIS. Formosissima.—Each of the five narrow petals is from three to four inches long, and of a very intense, rich scarlet. Each 10c, dozen \$1.00

A. Johnsoni.—Immense trumpet-shaped flowers of rich, deep, velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color.

Each 25c & 35c

Tuberous Rooted BEGONIAS

These showy flowers have become very popular and deservedly so. From the time the first flowers expand until frost puts a stop to further blooming, they are literally covered with

flowers of the richest colors, more brilliant than the most dazzling geraniums. They want protection from the hot sun. **Single.**—White, scarlet, pink, yellow. Ea. 7c, doz. 70c **Double.**—Same colors. Ea. 10c, doz. \$1.00

CALADIUM ESCULENTUM ELEPHANTS' EARS

Enormous leaves. One of the finest sub-tropical plants which can be grown in the open air in the North. It is of easy culture, the chief requisites being a rich soil, and an unlimited supply of water. Very effective for the flower border and for planting out upon the lawn, especially with Cannas or Castor Oil plants.

Each 8c, 10c, and 15c; dozen 80c, \$1.00, and \$1.50

Postage 4c, 6c, and 8c per bulb extra.

CANNAS. These very handsome, tropical-looking plants are unrivaled for effects on the lawn; there large glossy green and red leaves and showy spikes of flowers produce an effect seldom equaled.



SINGLE TUBEROUS ROOTED BEGONIA.



CALADIUM ESCULENTUM.

Large Flowering Cannas

- Alphonse Bouvier.**—5 feet. Crimson.
Austria.—6 feet. Canary yellow.
Betsy Ross.—2½ feet. Beautiful pink
Burbank.—5 feet. Orchid-flowered, rich yellow, inner petals spotted crimson.
Buttercup.—3½ ft. Buttercup yellow.
Chas. Henderson.—4 feet. Crimson.
Chicago.—5 ft. Clear deep vermilion.
David Harum.—3½ feet. Dark bronze foliage; flowers vermilion-scarlet dotted crimson.
Egandale.—4 feet. Purple foliage; color currant red.
Florence Vaughan.—4 feet. Golden yellow dotted with carmine.



PRINCEPS FLOWER SPIKE, 2-5 NATURAL SIZE.

produced. It grows from $3\frac{1}{2}$ to 4 feet high, with very broad and handsome foliage, which forms a grand setting for the brilliant Amaryllis-like blooms. The color is rich crimson, with intense shadings in the throat and broad white blotches across the lower petals. The flowers measure 5 inches in diameter. Each 15c, doz. \$1.50

New Gladiolus America

The finest pink gladiolus produced to date. Beautiful soft flesh pink, very light, slightly tinged with lavender which gives it the delicate coloring of the most beautiful lœlia. Strong erect spike of the largest flowers, set to show to the best advantage.

Each 15c, dozen 35c

Angele.—Pure white. Each 10c, doz. \$1.00

May.—Pure white flaked rosy crimson.

Each 4c, dozen 35c

GLADIOLUS MIXTURES.

Prices do not include postage.

Red and Scarlet. —	Doz. 20c,	100 \$1.35
Pink Shades. —	" 25c,	" \$1.50
Light and White. —Extra.	" 30c,	" \$2.00
Good Mixed. —	" 15c,	" \$1.00

HYACINTHUS CANDICANS.

Can be used with excellent effect in the center of a bed of scarlet Gladioli, as it comes into bloom about the same time. The flowers are bell-shaped, pendulous, pure white, and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds.

Each 5c, dozen 50c

Cannas. **Italia.**—5 feet. Center brilliant red, outer half clear yellow.

Continued. **King Humbert.**—New Giant.

Massive and handsome bronze foliage. Produces freely spikes with enormous heads of the largest flowers. Color, brilliant rich orange scarlet and crimson striped. $4\frac{1}{2}$ feet. Each 25c, doz. \$2.50


Mad. Crozy.—4 feet. Vermilion bordered gold.

Milwaukee.— $3\frac{1}{2}$ feet. Rich dark maroon.

Pres. McKinley.—3 feet. Scarlet, great bloomer.

Queen Charlotte.—4 feet. Rich crimson scarlet, wide gold border.

Sec. Chabanne.—4 ft. Deep salmon shaded orange

 All Cannas on this and preceding page except King Humbert: each 10c, dozen \$1.00

CINNAMON VINE.—This charming climber forms a canopy of bright green leaves and delicate small white flowers of most delightful cinnamon odor. Each 5c, dozen 50c

CRINUM KIRKI.—Broad white petals with a deep purple reddish stripe through the center. Fragrant. Mammoth bulbs, each 25c; postage 5c extra

GLADIOLI LARGE FLOWERING

The Gladiolus constitutes one of the finest features of the flower garden during the summer and autumn months. Every desirable color is represented from the most intense scarlet to the purest white.

New Large Gladiolus Princeps.



HYACINTHUS CANDICANS.



and red flowers.

Tenuifolium, Siberian Lily.—One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring.

Tigrinum, Tiger Lily.—Very hardy native lily; orange-red, spotted with purplish-black.

Each 8c, dozen 75c

LILY OF THE VALLEY.—No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. Glossy foliage and spikes of graceful white bells of delicious fragrance.

Large clumps, each 25c, dozen \$2.50, by express or freight.

GLOXINIAS. New Giant Flowering Hybrids.

Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped with beautiful markings.

Defiance.—Rich crimson-scarlet.

Emperor Frederick.—Red with white border.

Emperor William.—Violet-blue, white throat, beautifully streaked and spotted.

Mont Blanc.—Pure white. Ea. 10c, doz. \$1.00

HARDY LILIES

Too much cannot be said in praise of the Lily, with eminent propriety styled the "Queen of Flowers". No flower is more expressive of queenly beauty and faultless purity than the Lily. They thrive best in a dry, well drained, rich soil. All Lilies offered below are hardy enough to stand the winter outdoors. It is well, however, to protect them with litter or straw.

ALL OUR LILY BULBS ARE FIRST SIZE.

THE THREE QUEENS

Auratum, Album and Rubrum. No flower garden is complete without these three grand lilies. Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM.—The Gold Banded Lily of Japan.

This peerless variety is without question the grandest of all the Lily family. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers measure from 7 to 10 inches across, produced abundantly; deliciously fragrant.

Each 15c, dozen \$1.50

SPECIOSUM ALBUM.—Pure white, with beautiful recurved petals, very fragrant. They are graceful, free-blooming, perfectly hardy, and will grow and flower without special treatment.

Each 15c, dozen \$1.50

SPECIOSUM RUBRUM.—Crimson Banded. The magnificent flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum class.

Each 15c, dozen \$1.50

SPECIOSUM MELPOMENE.—A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply recurved and widely bordered.

Each 15c, dozen \$1.50

IF ABOVE LILIES ARE WANTED BY MAIL ADD 3 CENTS A BULB.

Canadense, Meadow Lily.—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped, yellow

Each 10c, dozen \$1.00

Each 15c, dozen \$1.50

MADEIRA VINE.—A rapid growing graceful vine, with smooth, waxy, dark green leaves and dainty racemes of tiny, fragrant, white flowers. Ea. 5c, doz. 50c

TUBEROSE. Double Dwarf Pearl.—Pure white, perfectly double, delightfully fragrant; invaluable for bouquets. Each 5c, dozen 40c

Japanese Fern Ball.—The Ball is composed of Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald green from every point. They grow rapidly, and make a handsome ornament for the home, conservatory or greenhouse. Place ball in water until thoroughly wet and then suspend in any desired position; repeat every two days until growth is started, after which sprinkle occasionally as required. Dormant, each 50c

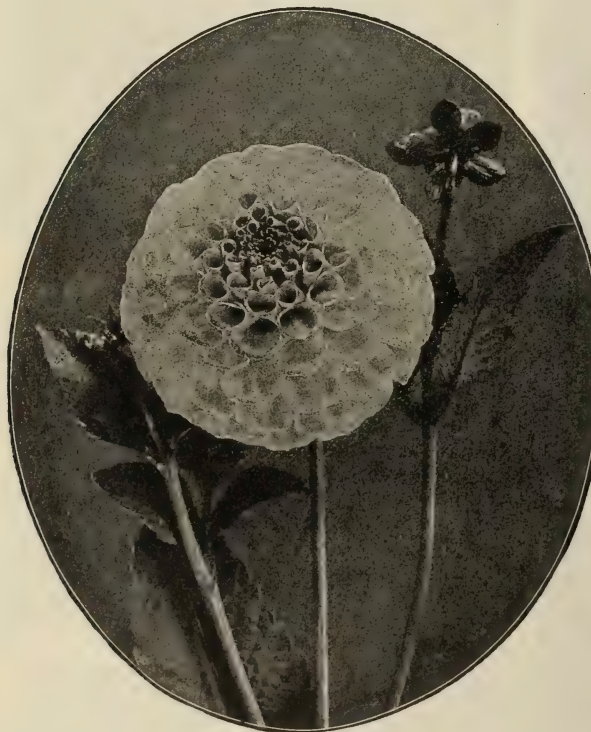


TUBEROSE, DOUBLE DWARF PEARL.

Dutch or Holland Bulbs for Fall Planting.—Our importations of Dutch Bulbs have been made from some of the principal growers in Holland for a number of years past with the most satisfactory results. Fine heavy bulbs, producing beautiful blooms, all true to name and color.

SEND FOR FALL CATALOG.

READY SEPTEMBER 1st.



TYPE OF SHOW DAHLIA

plant, and this should be constantly watered. Remove all imperfect buds as soon as they appear.

SHOW DAHLIAS. Perfectly double, with quilled, cupped and incurved petals.

A. D. Livoni.—Beautiful soft pink, with quilled petals, full to the center; early and profuse bloomer.

Bon Ton.—Deep garnet.

John Walker.—Fine pure white.

Mary D. Hallock.—A fine yellow quilled variety.

Ruby Queen.—Ruby red, richly shaded; fine, large flowers on long stems; profuse bloomer.

Above varieties, each 15c, dozen \$1.50

Double Dahlias to Color. Red, Pink, Yellow, White, Purple.

Strong field roots, each 10c, dozen \$1.00

Extra heavy clumps, each 15c, dozen \$1.50

Send orders early, to assure complete selection.

DAHLIAS

After some years of comparative neglect, the Dahlia is steadily regaining its old-time popularity. This is not strange when we consider how many new varieties have been introduced, and how large a list of desirable kinds we now offer. Wonderful advances have been made in variety and size of flowers, keeping qualities, and strength of stem. Their brilliant colorings and wonderful variety make them effective as garden plants or for cut.

The varieties which offered below have been selected for their free and continuous flowering qualities, purity of color and perfection of form. Our collection is constantly being enlarged by the addition of meritorious novelties.

WE SEND OUT ONLY STRONG ROOTS.

CULTURE OF DAHLIAS

We give here a few suggestions in regard to the culture of Dahlias. They delight in and require an open, sunny situation and a sandy soil. The tubers should be planted 4 inches deep from the top of the crown and 3 feet apart. The best time for planting in this section is from May 15 to June 15. After the young plants have grown about 6 inches, the center bud should be pinched to make the plant branch freely. When the plant has grown a foot or so, an abundant quantity of cow manure should be heaped around the

SINGLE DAHLIAS

Gold Standard.—Pure deep yellow, of large size; fine form and texture. The flowers are borne on long, graceful stems, in the greatest profusion; a strong, vigorous grower, and an early and continuous bloomer.

John Downie.—Intense, glowing crimson-scarlet.

Snow Queen.—Best pure white.

Wildfire.—Clearest scarlet; very large and long-stemmed.

Any of above Single Dahlias, strong field roots, each 15c, dozen \$1.50

One each above 4 varieties for 50c

Twentieth Century Dahlia

The most wonderful Dahlia ever introduced. It is impossible to correctly describe this exquisite variety. It must be seen that one may fully appreciate its marvelous beauty. The flowers are very large, 6 inches in diameter. The color is intense rosy crimson, with white tips and a white disk around the yellow center. As the season advances, the dark-colored zone becomes lighter and the color contrasts exquisitely lovely, and can be compared with no other flower than the beautiful orchid. The color of the Twentieth Century Dahlia does not fade, like that of many other flowers, but it is a case where each succeeding flower opens lighter and lighter as the season advances. Every week we really have a new flower.

Strong field roots, each 25c, dozen \$2.50

COLLARETTE DAHLIA, PRESIDENT VIGER

Rich, deep blood-red, shading darker towards the base of the petals, with pure white collar occasionally suffused with rosy carmine. The flow-



TWENTIETH CENTURY DAHLIAS

ers are always perfect, with eight petals, and it is an extremely early and profuse bloomer.

Strong field roots, each 20c, dozen \$2.00

POMPON DAHLIAS

Pompon Dahlias are especially valuable for bouquets.

Allie Mourey.—A very pretty Pompon, of fine form and good habit; pinkish white tipped deep pink; small, compact flower.

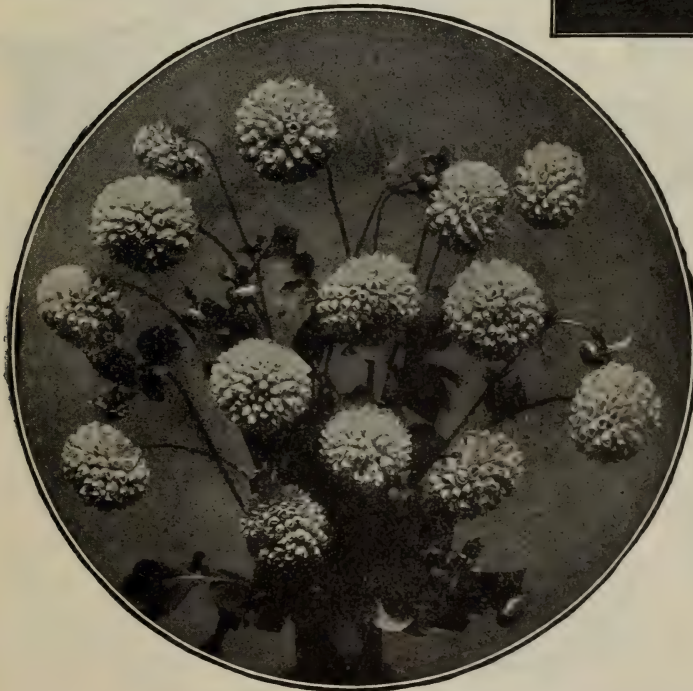
Catherine.—The best pure yellow of fine form, full to the center, and borne on long stems.

Little Helen.—Extremely profuse strong grower; white, suffused blush.

Sunshine.—Brilliant scarlet; of fine form, with full centers and long stems; largely used for cutting.

Strong field roots, each 15c, dozen \$1.50

One each above 4 sorts for 50c



TYPE OF POMPON DAHLIAS



CACTUS DAHLIA, KRIEMHILDE.



DECORATIVE DAHLIA NYMPHAEA

- The color is a clear, distinct, light shrimp-pink, tinted lighter toward the center.
- Perle d'Or.**—(Perle de la tete d'Or) The grandest white decorative Dahlia to date. It is very large, 5 to 6 inches in diameter, and of beautiful chrysanthemum shape.
- Sylvia.**—Of fine form and full to the center, which is white, shading to soft pink on the outer petals.
- Wm. Agnew.**—Intense, glistening scarlet-crimson; immense size, perfect form, always a mass of color. Any of above Decorative Dahlias, except when otherwise noted, strong roots, each 15c, doz. \$1.50

DECORATIVE DAHLIAS

These are the large flowering Dahlias with loose, open outline. They differ from the true Cactus type in having broader, heavier petals. They are especially valuable for decorative work, as they are strong, vigorous growers and can be cut on long stems.

Catherine Duer.—Flowers of immense size, measuring seven inches in diameter; opens out flat, and shows no center. Color the most beautiful glowing red.

Clifford W. Bruton.—The best yellow; of immense size, perfect form, and of the finest canary-yellow. A tall, vigorous grower and extremely free bloomer. Should be in every collection.

Fern-Leaved Beauty.—Beautiful fern-leaved variety; white, striped deep crimson.

"FIRE RAIN"—For many years Lyndhurst has been our brightest, richest Dahlia for cutting purposes, especially when used under artificial light, but in unfavorable seasons it is late in flowering, which has prevented its extensive cultivation for cut flowers.

In this new variety, we have not only the rich cardinal-red color which made Lyndhurst so desirable, but a plant that produces masses of bloom early and continues throughout the season.

Each 25c, dozen \$2.50

Mrs. Roosevelt.—Delicate pink shading to soft, clear pink. Graceful in form, of immense size, and long-stemmed. Each 20c, dozen \$2.00

Nymphaea.—By far the most delicately beautiful dahlia ever introduced. Medium to large size, always full to the center, resembling the ideal pink water-lily.

CACTUS DAHLIAS

The petals of this class are very long, pointed and beautifully twisted. This type is at present most popular.

Countess of Lonsdale.—The most profuse bloomer among the Cactus varieties, and one of the very best. Beautiful salmon-pink; very large.

Earl of Pembroke.—Bright plum, deeper towards the center.

Floradora.—Beautiful, glistening scarlet-crimson; true cactus form, with fine pointed petals.

Hohenzollern.—Rich bronzy orange-red with golden sheen; fine.

Kriemhilde.—Color fresh delicate pink, shading to white in the center; perfect form, profuse bloomer. Stem is strong, holding flower up stiff, making it especially fine for cutting. Ea. 20c, doz. \$2.00

Mars.—Bright dazzling scarlet of good size and free-blooming qualities.

Mrs. H. J. Jones.—A beautiful Fancy Cactus with long, twisted, pointed, incurved petals. The margins of the petals are deep crimson, while the broad stripe of white running through the center extends almost to the base, where it blends harmoniously with the deep crimson. Each 20c, doz. \$2.00

Strahlenkrone.—Intense cardinal red, rich and glowing, with long, twisted petals; early and profuse

Winsome.—Finest pure white cactus; beautiful form, with twisted incurved petals; long, erect stems.

Any of above Cactus Dahlias, except when otherwise noted, strong field roots, each 15c, dozen \$1.50

One each above 9 varieties for \$1.20

HARDY PERENNIAL PLANTS.

The popularity of this class of plants, familiarly known as **Old-Fashioned Hardy Garden Flowers**, is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border.

Price of all Hardy Perennials, except where noted, is as follows: Extra Strong Plants, each 15c, dozen \$1.50 by express or freight, at buyer's expense.

Achillea, The Pearl.—Pure white, double flowers in great profusion; 2 ft.; blooms all summer. Each 10c, doz. \$1.00

ANEMONES. 2 to 3 feet. Bloom from August to November.

Queen Charlotte.—Semi-double pink; very popular.

Whirlwind.—Pure white, semi-double; one of the prettiest.

Aquilegia.—Rocky Mountain Columbine.

Each 10c, dozen \$1.00

Bellis.—Double Daisy. White, pink and red.

Each 5c, dozen 50c

Bocconia Cordata.—Creamy white terminal panicles.

Campanula.—Canterbury Bell. Ea. 10c, doz. \$1.00

Carnation.—Double.

Ea. 5c, doz. 50c

Coreopsis Lanceolata.—Bright golden yellow.

Daisy, Shasta.—Large, pure white flowers; perfectly hardy.

Delphinium. Hardy Larkspur. The long spikes of flowers are produced continuously until late in fall.

Formosum.—Large deep blue with white eye.

Belladonna.—Beautiful large sky-blue.

Each 20c, dozen \$2.00

Dianthus Barbatus.—Sweet William. Ea. 5c, doz. 50c

Dianthus Plumarius.—Pheasant's Eye Pink.

Each 5c, dozen 50c.

Dielytra.—Bleeding Heart.

Each 10c, dozen \$1.00



AQUILEGEA.

Digitalis.—(Foxglove) A wealth of bloom in June and July.

EULALIA JAPONICA VAR.

—Ornamental grass striped lengthwise green and white

E. JAPONICA ZEBRINA.—

COREOPSIS LANC.

Broad yellow bands across the leaf.

FERNS.—Hardy wood ferns.

Each 5c to 20c, dozen 50c to \$2.00

Funkia Subcordata.—Plantain Lily. Pure white, lily-shaped, fragrant flowers; broad, massive foliage.

GAILLARDIA GRANDIFLORA.—Showy and effective; continue one mass of bloom all summer. Center dark reddish-brown, petals marked with rings of brilliant scarlet-crimson, orange and vermillion. Each 10c, dozen \$1.00

Gypsophila Paniculata.—Baby's Breath. Minute, pure white flowers of beautiful gauze-like appearance. August-September

Helianthus Multiflorus.—Double yellow sunflower.

H. Maximiliana.—Graceful, single-flowered, yellow variety.

HEMEROCALLIS FLAVA. Yellow Day Lily. 3 feet; fragrant.

Each 10c, dozen \$1.00

Hesperis Matronalis.—Showy spikes of pinkish flowers during June and July.

Hibiscus "Crimson Eye."—Flowers of immense size; pure white with a large spot of deep velvety crimson in the center.

Hollyhocks.—Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on

the lawn, or for interspersing among shrubbery they are invaluable.

Double White, Pink, Salmon, Yellow, Maroon, Bright Red. Ea. 20c, doz. \$2.00

Lobelia Cardinalis.—Rich fiery cardinal flowers.

Lychnis Chalcedonica.—Large heads of vermilion-scarlet flowers.

Each 10c, dozen \$1.00

Each 10c, dozen \$1.00

Lysimachia Nummularia.—Money-wort. Creeper.



GAILLARDIA GR.



GERMAN IRIS.



PEONY, OFFICINALIS RUBRA PLENA.



HARDY PHLOX.



ORIENTAL POPPY.



RUDBECKIA, GOLDEN GLOW.



SCABIOSA CAUCASICA.



STOKESIA CYANEA.

HARDY PERENNIALS

CONTINUED.



JAPAN IRIS.

Japan Iris.

These magnificent Iris are among the most beautiful of our summer-flowering plants, rivaling the Orchids in rich colorings and markings; many of the blooms measure 8 to 10 inches across. Our collection embraces 50 of the finest varieties, covering every conceivable combination of colors.

Extra large, undivided field clumps, just as imported:

Ea. 35c, 3 for \$1.00, doz. \$3.00

Divided clumps, each 20c, dozen \$2.00

German Iris Fleur-de-Lis

One of the most desirable early spring-flowering plants. The flowers are of large size and exquisite colors. We offer:

Florentina.—Free-flowering, sweet-scented, white.

Lord Salisbury.—Purple and bronze, rich.

Mmc. Chereau.—Pearly white, daintily edged lavender. (See illustration.)

Penelope.—White, tinged and veined with lavender.

Spectabilis.—An early and free deep purple.

Strong clumps, each 15c, dozen \$1.50

Peonies.

These showy, old-fashioned plants, with their immense, full double, satiny flowers in lovely shades of red pink and white, are of such hardy and vigorous growth as to withstand our severe northern winters. Never attacked by insects or disease.

Double Red, Pink, White.—Large clumps, each 25c dozen \$2.50 Extra large, each 35c, 3 for \$1.00

Officinalis Rubra Plena.—A splendid early blooming variety, bearing large deep crimson flowers; very fragrant.

Strong clumps, each 35c, extra strong clumps each 50c

Officinalis Rosea Plena.—Early double pink. Strong plants, each 35c

Tenuifolia.—Crimson flowers; fine, feathery foliage. Each 35c

Hardy Phlox.

The hardy Phloxes are without doubt the most important of all hardy perennials,

and are now to be found in almost every garden. They flower from early summer until late in the fall, and contain a range of brilliant colors not found in any other hardy plant.

Amor.—Pure pink. **Coquelicot.**—Scarlet, deep carmine eye. **Lothair.**—Salmon red with carmine eye

Montagnard.—Pure crimson. **Pantheon.**—Deep salmon rose. **Pearl.**—Large, perfect, pure white.

Above varieties: Strong plants, each 15c, dozen \$1.50

Mixed Phlox. Each 10c, dozen \$1.00

Platycodon Mariess.—Deep blue, bell-shaped, nearly 3 inches.

Poppy, Oriental.—Mammoth scarlet, with black center.

Pyrethrum Ulginosum.—Large white, daisy-like flowers.

Rudbeckia Purpurea.—(Purple Cone Flower.) Large flower of peculiar reddish purple, with large compact center of brown.

Rudbeckia Golden Glow.—Produces masses of double, golden-yellow, Cactus Dahlia-like flowers. Each 10c, dozen \$1.00

SCABIOSA CAUCASICA.—One of the handsomest perennials

for cutting purposes. The flowers are of a peculiarly soft and

charming shade of lilac-blue. June to September.

Stokesia Cyanea.—(Cornflower Aster.) Handsome, lavender-blue, centaurea-like blossoms.

Tritoma Pfitzerii.—(Everblooming Flame Flower.) Blooms 12

inches long, of rich orange scarlet shading to salmony rose

at edges.

Veronica Longifolia Subsessilis.—Pretty species with blue flow-

ers, produced on spikes a foot long. Each 25c, dozen \$2.50

Yucca Filamentosa.—Large, fragrant, drooping, creamy-white

flowers. 4 year old plants, each 35c, 3 for \$1.00



TRITOMA PFITZERII.

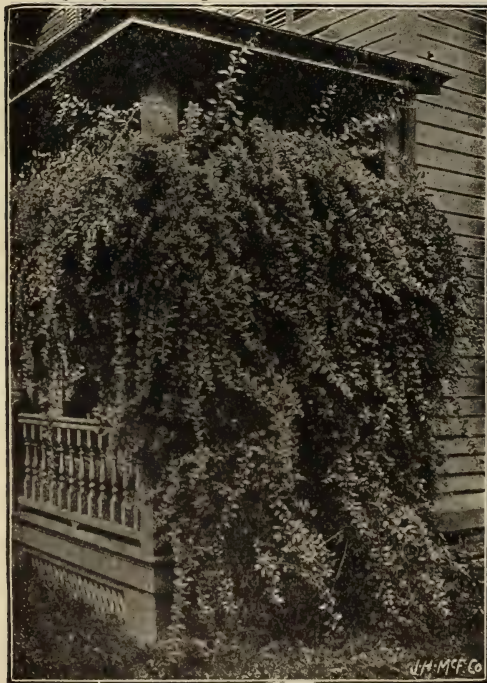
Hardy Ornamental Climbing Vines.



CLEMATIS JACKMANI.

Small Flowered Clematis Paniculata.

This handsome hardy climber is one of the most satisfactory climbing flowering plants. Of very rapid growth; small, dense, glossy green foliage, and pure white, deliciously fragrant flowers, which appear in greatest profusion in September, a season when few other vines are in bloom. Strong 2-year-old plants. Each 25c, dozen \$2.50



MATRIMONY VINE.

Extra strong
3-year plants
Ea. 35c, doz.
\$3.50

CLEMATIS COCCINEA.

Bell-shaped
flowers, of a
bright coral-
red color.
2-year plants
each 25c, doz
\$2.50



CLEMATIS COCCINEA.

HONEYSUCKLE. Scarlet Trumpet.—Produces scarlet, inodorous flowers all summer; rapid grower.

2-year-old plants, each 35c, dozen \$3.50

Halleana.—Flowers yellowish-white, freely produced; fragrant. 2-year-old plants, each 25c, dozen \$2.50

Kudzu Vine or Jack-and-the-Bean-Stalk.—This is the most rapid climber, attaining after once established, a height of 50 feet or more in a season. Large foliage, clusters of Wistaria-like blossoms. Each 35c

Matrimony Vine.—Well-known, hardy, rapid climber; covered with scarlet fruit in autumn.

Extra heavy 2-year-old vines, each 35c

CHINESE WISTARIA.—One of the best of all hardy climbers. It grows rapidly and presents a magnificent appearance with its pendulous clusters of pale blue.

2-year-old vines, each 35c, 3 for \$1.00

Ampelopsis Veitchii ^{Boston Ivy.}

Very attractive climbing vine, with glossy ivy leaves, closely overlapping. The tendrils cling firmly to the smoothest surface. In autumn the leaves assume the most beautiful tints of scarlet and crimson.

Strong vines 3 feet long, each 25c

A. Quinquefolia.—**Virginia Creeper.** Splendid for covering trees, arbors and trellises. The large deep green foliage assumes brilliant shades of yellow, crimson and scarlet in fall. 4-year plants, each 25c, doz. \$2.50

CLEMATIS.

The most beautiful class of flowering climbers. They want a sunny location and good culture; dig the ground deep, make it rich, and water whenever needed. For covering verandas, pillars, trellises, or any unsightly tall object there is nothing to compare with the Clematis.

Jackmani.—Rich, deep velvety purple. Blooms with astonishing profusion.

Ramona.—Lavender-blue; the largest of all.

Henryi.—Large pure white.

Strong 2-year-old roots, each 50c

Extra strong 3-year-old, each 75c



CLEMATIS HENRYI.



CLIMBING ROSE—DOROTHY PERKINS (See page 90).

HARDY GARDEN ROSES

The beauty of the Rose is so widely appreciated that the popularity it now enjoys is annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them.

The varieties listed below are offered with a view of supplying a collection which combines as varied a range of color as can be brought together in a limited number of sorts. Many kinds have been omitted, not because they are of no value, but that the sorts listed are superior in size, hardiness, vigor, productiveness, or some other characteristic necessary to make a good garden rose.



AMERICAN BEAUTY

The plants we offer are extra heavy 2-year-old stock, which will under ordinary conditions give a full crop of flowers the first season.

Planting.—Roses planted in the spring should be set out early, in a rich clay-loam, and firmly pressed in with the foot.

Pruning.—When setting out hardy Roses, cut them back $\frac{1}{3}$ to $\frac{2}{3}$ and remove all feeble growth. The result will be strong plants and large flowers.

American Beauty.—The flowers are very large, very double and of beautiful form; color rich deep rose. The fragrance is delightful; a continuous bloomer.

Baroness Rothschild.—A magnificent rose; color is a rich satiny pink.

Frau Carl Druschki.—The grandest white hardy rose introduced for years. Produces very freely flowers of exceptionally large size, very full and double and of a pure snow white. It forms a beautiful long shaped bud.

General Jacquimenot.—Rich velvety crimson, changing to scarlet crimson.

Gruss an Teplitz.—The reddest of all red roses; it is of the richest scarlet imaginable, shading to velvety crimson as the flowers mature; very fragrant, a most profuse bloomer; the foliage is extremely beautiful, all the younger growth being of bronzy plum color.

KILLARNY New Hardy Everblooming Irish Rose.

A beautiful new Irish Rose, certain to become a general favorite. It is perfectly hardy, a strong and robust grower, and as free flowering as any rose we know. In color it is a brilliant, satiny, soft pink; the blooms are large, the buds long and pointed. Just as handsome in the full-blown flower as in the bud form.

Mad. Plantier.—White flowers in great abundance.

Magna Charta.—Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Mrs. John Laing.—Soft pink; exceedingly fragrant; commences flowering early and continues late.

Paul Neyron.—Deep, shining pink. Good, strong grower, almost thornless.

Persian Yellow.—Perfectly hardy, semi-double, golden yellow.

Soleil d'Or.—Beautiful clear green, dense foliage. Large, full, globular flowers, fragrant; buds conical; color varying from gold and orange-yellow to reddish gold, and shaded with nasturtium red.

Ulrich Brunner.—Brilliant cherry red, a very effective color.

PRICES:—Extra heavy 2-year-old plants, except where noted,
Each 25c, dozen \$2.50

New Everblooming Rose "BABY RAMBLER"

A dwarf form of the widely known and popular climbing rose Crimson Rambler. The flowers are borne in clusters like those of the Crimson Rambler and are of the same charming brilliant red color. The best red pot or bedding rose in the world. Perfectly hardy, in bloom all the time. Each 40c, doz. \$4.00

MOSS ROSES

A class of Roses much admired. The beauty consists in the delicate mossy covering which surrounds the bud.

Blanche Moreau.—Pure white. **Pink.**— Ea. 25c, doz. \$2.50

RUGOSA ROSES

Handsome foliage and clusters of beautiful single flowers followed by brilliant red seed pods. Splendid for hedges.

R. Alba.—White. **R. Rubra.**—Red Ea. 25c, doz. \$2.50



BABY RAMBLER.

HARDY CLIMBING ROSES

Crimson Rambler.—Unquestionably one of the finest roses in existence. A vigorous grower making shoots 10 to 15 feet in a single season, and when in bloom commands admiration by the gorgeous display of its brilliant crimson blossoms, produced in clusters in marvelous abundance. May be grown on verandas, pillars, fences and walls, or it can be grown in bush form and thus becomes a most striking object.

Extra Select, with canes 3½ to 4 feet, each 35c. doz. \$3.50 Select, 2 to 3 ft., each 25c. doz. \$2.50

Yellow Rambler.—Flowers in clusters of 6—10. Yellow in the bud, but nearly white when fully open.

Dorothy Perkins.—In foliage and habit of growth it is remarkably like Crimson Rambler; the flowers are very double, of good size and are borne in clusters of ten to twenty, the clusters being borne in racemes of three to five, thus often making a group containing fifty to sixty blossoms upon a single stem. The petals are very prettily rolled back and crinkled. The color is a clear shell pink and holds a long time without fading; very sweetly scented.

Baltimore Belle.—Very double blush white, completely enveloping the whole plant with bloom.

Prairie Queen.—Bright rosy red, large flowers. A favorite with everyone.

PRICES:—Above varieties, strong 2-year-old plants, each 25c, dozen \$2.50

TREE OR STANDARD ROSES. These roses are grafted on hardy stalks four feet high. We offer them in white, pink and red. Ea. 75c, 3 for \$2.00 Crimson Rambler in tree form ea. \$1.00

HARDY ORNAMENTAL SHRUBS

Shrubby has become an almost indispensable part in the planting of home grounds, and justly so, for there is nothing that will add so to the value of a place or to its beauty as a few well selected and judiciously planted shrubs. There are locations which call for the planting of individual specimen shrubs, or they may be used in masses for border and screen work, in forming groups and beds. The brilliant fruits of some varieties and the brightly colored bark of others help to relieve the monotony of winter.

We cater to the plant buyer who appreciates the value of quality. It requires little skill, less ground and but a layman's attention to grow the ordinary run of stock, and if you are seeking to buy nursery stock at the lowest possible price you must not expect to get the best quality. We prefer to handle stock grown for "quality" and allow "price" to arrange itself; not an exorbitant price but only a fair return for what we sell you.

Prices are based on well-shaped, bushy, vigorous plants, with heavy root growth, such as produce immediate effect. They can be shipped only by express or freight, being too large and heavy to be sent by mail. Write for prices in larger quantities.

FLOWERING ALMOND

Double White and Pink

A beautiful tree, covered in May and June with double rose-like flowers. Strong bushes, 3 ft.

Each 40c, 3 for \$1.00, dozen \$3.50

ALTHAEA, OR ROSE OF SHARON

Bloom late in August and September, at a time when we have so few shrubs in flower. Flowers large and brightly colored, much like Hibiscus or Hollyhock in form. Double white, violet, pink, red. 3-year-old bushes, each 35c, doz. 3.50

BERBERIS -- BARBERRY

BERBERIS THUNBERGII, Japanese Barberry

One of the most beautiful shrubs in cultivation, either for hedging or general purposes. It is of neat, compact growth and never need be touched with the shears. The foliage is beautiful at all times, and in the fall turns to a most brilliant crimson color, but its most attractive feature is its fruit. The plants are literally covered with bright scarlet berries all fall and winter. It is fine for the edge of a terrace and along roads and walks, or for grouping on the lawn. We offer fine bushy stock, 2 feet high.

Each 35c, dozen \$3.50, 100 \$22.00

Purpurea.—Purple-Leaved Barberry. Very striking; fine as a single specimen or for hedges.

2 to 3 feet, bushy, each 35c, dozen \$3.50

CHIONANTHUS VIRGINICA

White Fringe

Bushy shrub, sometimes growing into a tree. Literally covered in May and June with loose, drooping panicles of graceful, delicate white flowers, followed by showy purple fruit. The foliage changes to yellow and bronze tints in the fall.

Bushy plants, 2½ feet high, each 50c, doz. \$5.00

CORNUS, OR DOGWOOD

Sanguinea.—Clusters of white flowers, stem and branches turning blood red in winter.

3 to 4 feet, each 35c, dozen \$3.50

CRATAEGUS, OR HAWTHORN

Coccinea.—Red flowering. Among the most beautiful of our flowering trees; dense, low grower, occupying comparatively little space.

2 to 3 feet, each 35c, dozen \$3.50

FLOWERING CURRANT (*Ribes Aureum*)

Yellow flowering or Missouri Currant; 3 feet.

Each 35c, dozen \$3.50

CYDONIA JAPONICA (*Japan Quince*)

The large, brilliant, scarlet-crimson flowers are among the first blossoms in spring, and they appear in great profusion covering every branch. Special attention is invited to this plant for ornamental hedges. 2 to 3 ft., ea. 35c, doz. \$3.50

CYTISUS LABURNUM (*Golden Chain*)

Extremely bright with graceful racemes of wistaria-like golden yellow flowers. Each 35c

HARDY ORNAMENTAL SHRUBS CONTINUED.**DEUTZIA**

Their hardihood, fine habit, luxuriant foliage and profusion of attractive flowers from June to August place them among the most popular of flowering shrubs.

D. Gracilis.—Of dwarf habit, pure white flowers. Bushy plants, 18 inches high, ea. 25c, doz. \$2.50

D. Lemoinel.—Early bloomer; entire plant covered with erect panicles of snow-white flowers.

2 to 3 feet, each 35c, dozen \$3.50

D. Pride of Rochester.—Double white, slightly tinted rose. 3 to 4 feet, each 35c, dozen \$3.50

FORSYTHIA

Fortunei.—Golden Bell. Each 35c, dozen \$3.50

**HYDRANGEA PANICULATA**

This is the finest hardy shrub in cultivation. The flowers, which are borne in dense pyramidal panicles, nearly a foot long, in greatest profusion, are white when they first open, but gradually change to rose color, and remain in condition for weeks.

Fine bushy plants, each 25c, dozen \$2.50

Extra heavy plants, each 35c, dozen \$3.50

Specimen plants, each 50c, dozen \$5.00

Tree Shaped, each 50c, dozen \$5.00

HYDRANGEA ARBORESCENS ALBA

This magnificent, perfectly hardy, American shrub is the very finest addition to this class of plants in many a year. The snow-white blooms are of largest size, the foliage finely finished, lacking all coarseness. One of the most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. 2 to 3 ft., each 60c, doz. \$6.00

LILACS

Common.—(Syringa Vulgaris.) The common purple species and one of the best.

Each 25c, dozen \$2.50

Common White.—(S. Vulgaris Alba.) Pure white, very fragrant. Each 25c, doz. \$2.50

Persian.—Of more slender growth and finer foliage than the common lilac; purple.

3 to 4 feet, each 35c, dozen \$3.50

Persian White.—3 to 4 ft., ea. 35c, doz. 3.50

Japanica.—(Tree Lilac.) Flowers creamy-white, odorless, in great panicles. Ea. 50c

LONICERA TATARICA, or BUSH HONEYSUCKLE Upright Tartarian.—Blooms in June with beautiful pink and white flowers, followed by berries.

3 to 4 feet, bushy, each 35c, dozen \$3.50

PHILADELPHUS, or SYRINGA**Mock Orange**

A grand old favorite shrub. Should be in every yard. Covered with sweet-scented white flowers in June.

Coronarius.—(Garland Mock Orange.) Very sweet and one of the first to flower.

Coronarius fl. pl.—Double flowering.

Grandiflora.—A large growing variety.

2 to 3 feet, each 35c, dozen \$3.50

3 to 4 feet, each 40c, dozen \$4.00

PRUNUS

Pissardi.—Purple-leaved Plum. The finest purple-leaved small tree; grows to a height of 12 to 15 feet. The young branches are a very dark purple; the leaves, when young, are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop, late in autumn. The tree is covered early in spring with small, single white flowers, which appear before the leaves.

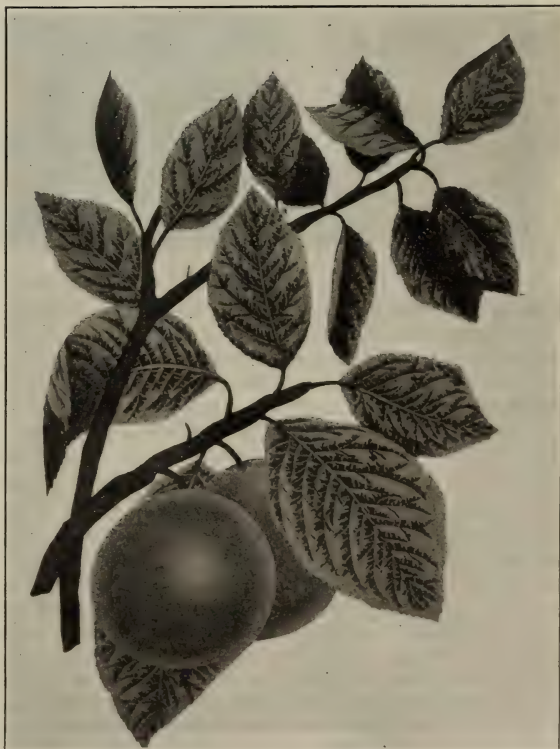
3 to 4 feet, each 40c, 3 for \$1.00, dozen \$4.00

Triloba.—Double-flowered Plum. Flowers delicate pink, upwards of an inch in diameter, thickly set on the long, slender branches; blooms in May.

3 to 4 feet, each 35c, dozen \$3.50

RIBES

Aureum.—Yellow flowering Currant. Each 35c,

**PRUNUS PISSARDI.**

HARDY ORNAMENTAL SHRUBS CONTINUED.

SAMBUCUS (Elder)

Aurea.—Golden Elder. Beautiful golden yellow foliage, grand as a single specimen or for planting in masses. 2 to 3 feet, each 35c, dozen \$3.50

Laciniata.—Cut Leaved Elder. Ea. 25c, doz. 2.50

SNOWBERRIES

For massing these shrubs are unsurpassed. They spread so rapidly from underground shoots that a few plants will produce a thicket in a short time. Far into winter the berries are as bright as before the cold came.

Racemosus.—Large white berries.

Vulgaris.—Red-fruited. Each 35c, dozen \$3.50

SPIREA

Graceful shrubs everyone should plant; they are of easiest culture.

Perpetual-blooming Red Spirea, Anthony Waterer

—A fine, hardy, perpetual-blooming shrub, particularly desirable for the lawn. Nice, round bushes, 3 feet high and wide; rosy red flowers in large, round clusters all over the bush.

Fine, bushy, 2 to 2½ feet, each 35c, dozen \$3.50

S. Billardi.—Erect branches crowned with narrow dense spikes of bright pink flowers. June to September. 2 to 3 feet, each, 35c dozen \$3.50



SPIREA VAN HOUTTEI (BRIDAL WREATH)

SPIREA VAN HOUTTEI.—(Bridal Wreath.) If you have need for but one spring-flowering shrub, plant Spirea Van Houttei. It is the grandest of all the white Spireas. A beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and are set close along the drooping stems.

2 to 3 feet, each 25c, dozen \$2.50 3 to 4 feet, each 35c, dozen \$3.50

Extra heavy specimen plants, 4 to 5 feet high, widely branched, each 75c, dozen \$7.50

VIBURNUMS

In this group are included the Snowballs, which give in spring the same showy effect produced by Hydrangeas in the fall.

Lantana.—May and June. White flower clusters, succeeded by red fruits that later turn to black.

2 to 3 feet, each 40c, dozen \$4.00

Opulus.—Cranberry Bush. Single white flowers borne in flat clusters. Highly valued for the brilliant red berries that cling to the branches all winter, unmolested by birds. Ea. 35c, dozen 3.50

Sterile.—The old-fashioned Snowball that grows almost anywhere and flowers so abundantly.

3 to 4 feet, each 35c, dozen \$3.50

Viburnum Plicatum.—(Japan Snowball.) Large snow-white balls of flowers. Ea. 50c, doz. \$5.00

WEIGELIAS

Beautiful shrubs that bloom in June and July. Superb, large, trumpet-shaped flowers, produced very lavishly.

Candida.—Flowers pure white.

Eva Rathke.—Brilliant crimson; a beautiful, distinct, clear shade.

Rosea.—Rose colored; the most popular.

Variegata.—Leaves margined creamy white; flowers pink.

2 to 3 feet, each 35c, dozen \$3.50

Extra large, each 50c, dozen \$5.00

DECIDUOUS ORNAMENTAL, & FRUIT TREES

All the trees that we offer have been grown with care, to make them straight, stocky, well headed and supplied with fibrous roots. **Prices will be quoted on any desired size.**

ACER - THE MAPLES

The Maples are perhaps more largely planted than any other family of trees. They are highly ornamental, regular in outline, beautiful in foliage and adapted to all soils.

Norway Maple.—Large, handsome tree of spreading, rounded form, with broad, deep green, shining foliage. 8 to 10 feet, each \$1.25

Purple Leaved Norway Maple.—(Schwendler's.) The red and purple tints contrast beautifully with the delicate green of spring. In summer and fall the color is not so pronounced. 6 to 8 ft., \$1.50

AESCULUS - HORSE CHESTNUT

White Flowering.—Magnificent spikes of white flowers. As a lawn tree or for the street it has no superior. 5 to 6 feet, each 75c

BETULA - THE BIRCHES

Elegant, graceful form, with slender branches and light and airy foliage.

European White.—With slender branches and silvery bark. After a few years growth, assumes a graceful, weeping habit, adding greatly to its beauty. 6 to 8 feet, ea. 75c, 8 to 10 feet, ea. \$1.25

Cut-Leaved Weeping.—One of the most elegant of all weeping or pendulous trees. Its tall, slender, yet vigorous growth, graceful, drooping habit, silvery white bark and delicately cut foliage present a combination of attractive characteristics rarely met with in a single tree.

4 to 5 feet, each 75c, 6 to 8 feet, each \$1.00

CATALPA

Speciosa.—Large, heart-shaped, downy leaves, and compound panicles of white flowers. Very ornamental and useful. 8 to 10 feet, each 75c

FAGUS - THE BEECHES

European Beech.—A beautiful tree, attaining a height of 60 feet. 4 to 6 feet, each 75c

Purple Leaved Beech.—The foliage in spring is deep purple, later changing to crimson, and in fall to a dull purplish-green.

4 to 6 feet, each \$1.25

TEAS' WEEPING MULBERRY

The most beautiful of weeping trees. The slender branches grow downward parallel with the stem, forming an umbrella-like shape. All who have seen it agree that in light, airy gracefulness, delicacy of form and motion, it is without a rival. It has beautiful foliage, and is hardy and enduring. 2 year head, each \$1.25

POPULUS - POPLAR

Carolina Poplar.—For quickly producing street shade there is probably no tree which equals the Carolina Poplar. It is broadly pyramidal in form, very robust in growth, with large, glossy, deep green leaves. It stands the smoke and dust of city streets better than any other shade tree.

8 to 10 feet, each 75c

PYRUS - FLOWERING CRAB APPLE

Bechtel's Double Flowering.—One of the most beautiful flowering trees. Tree of medium size, covered in early spring with large, beautiful, double, fragrant flowers of a delicate pink color.

3 to 4 feet, each 65c

TILIA - LINDEN

American.—(Basswood.) A rapid growing, beautiful tree, with very large leaves and fragrant flowers. 6 to 8 feet, each 75c

ULMUS - THE ELMS

American.—A noble native tree of large size, wide-spreading head, and graceful drooping branches. The grandest park and street tree. 8 to 10 feet, each \$1.00 2 to 2½ inch trunk, \$2.00

Camperdown.—Its vigorous, irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy, dark green. A strong vigorous grower, The finest Weeping Elm and one of the best weeping trees.

2 year head, each \$1.25

A SELECTION OF THE BEST SORTS OF FRUIT TREES

APPLES

Arranged in order of ripening.

Duchess of Oldenburg.—Good size, juicy, yellow streaked with red.

Baldwin.—Large bright red; crisp, juicy, rich.

Golden Russet.—Medium, dull russet, crisp, juicy

Northwestern Greening.—Hardy, yellow; of good size, extra long keeper.

Northern Spy.—Large, striped, mild sub-acid, and tender, with rich, delicious flavor.

Wolf River.—Large yellow striped and shaded red 5 to 7 feet, each 35c, 3 for \$1.00, dozen \$3.50

CRAB APPLES

Hyslop.—Dark crimson; very showy and hardy.

Transcendent.—Large; yellow with red cheek and fine bloom; a great bearer; beautiful and popular

Whitney.—Very large; green, striped and splashed with bright red.

5 to 7 feet, each 35c, 3 for \$1.00, dozen \$3.50

CHERRIES

Early Richmond.—Medium, red; early, hardy.

Black Tartarian.—Very large, productive, popular 5 to 7 feet, each 75c, 3 for \$2.00, dozen \$6.00

MULBERRIES

New American.—Very large, black, handsome, sweet and rich. 4 to 5 feet, each 50c, doz. \$5.00

PEACHES

Crawford's Early.—A magnificent American sort; very large; yellow with red cheek.

Elberta.—Large yellow with red cheek; flesh yellow, juicy, and of high flavor.

4 to 6 feet, each 25c, dozen \$2.50

PEARS

Bartlett-Seckel.—Hardy, vigorous and productive; fruit yellow and red.

Flemish Beauty.—Large pale yellow with reddish-brown cheek; sugary, rich and juicy.

Keiffer.—Large golden yellow with red cheek. 5 to 7 feet, each 50c, dozen \$5.00

PLUMS

Abundance.—Lemon-yellow, overspread cherry.

German Prune.—Large, long, purple; productive.

Bradshaw.—Dark violet red; juicy and good. 5 to 6 feet, each 50c, dozen \$5.00

A PAGE OF SMALL FRUITS

BLACKBERRIES.

Mersereau.—Large size, superb quality, without tendency to turn red.

Each 10c, dozen \$1.00

CURRANTS.

Black Naples.—The best black currant.

Fay's Prolific.—First class red; prolific.

Red Dutch.—Standard red, productive.

White Dutch.—Excellent old variety.

White Grape.—Very large yellowish-white of excellent quality.

Wilder.—Large prolific red.

Price of above, strong 2-year-old bushes, each 15c, 4 for 50c, doz. \$1.25, by express

GOOSEBERRIES.

Downing.—Large whitish-green, fine.

2-year-old, each 15c, dozen \$1.50

Industry.—Berries of large size, excellent



CURRENT, WHITE GRAPE.

flavor, dark red..

2-year-old bushes, each 20c, dozen \$2.00

Red Jacket.—Large, smooth, bright red; prolific and hardy.

2-year-old bushes, each 20c, dozen \$2.00

GRAPES.

Brighton.—Bunches large; dark red.

Catawba.—Copper-colored, sweet, rich.

Concord.—Most popular grape in America; blue-black.

Delaware.—Small red, juicy and sweet.

Niagara.—Greenish-white, very popular.

2-year-old plants, each 20c, dozen \$2.00

Raspberries.

Columbian.—Sweet

and highly flavored. Deep purplish red; wonderfully productive.

Cumberland.—Very large, firm and prolific; the best black.

Cuthbert.—Hardy, prolific, excellent quality; deep rich crimson. Above varieties, each 5c, doz. 50c. If by mail add 10c per doz.

STRAWBERRIES.

Brandywine.—One of the best and handsomest berries grown. fine rich flavor, large size, dark red.

Clyde.—Abundant bearer, large fruit.

Senator Dunlap.—Has given the greatest satisfaction as to hardiness, productiveness and quality. Large bright deep red, very glossy, firm, a splendid keeper; one of the very best berries for canning.

Any of above, dozen 15c, 100 \$1.00, 1000 \$5.00

VEGETABLE ROOTS AND PLANTS

ASPARAGUS. 2-year-old roots, per dozen 15c, per 100 \$1.00

Columbian Mammoth White.—Shoots white, excellent quality.

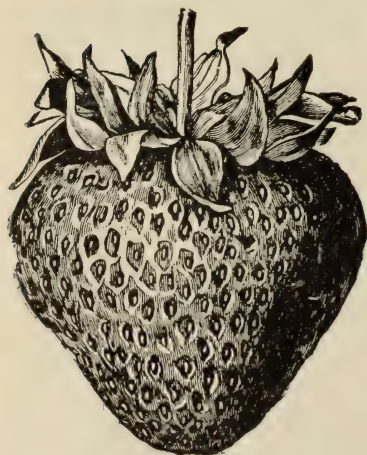
Conover's Colossal.—The standard green asparagus.

HORSE RADISH SETS.—Per dozen 20c, per 100 \$1.00

RHUBARB ROOTS. (Pie Plant.) **Victoria.**—Each 10c, 15c and 20c



INDUSTRY GOOSEBERRY.



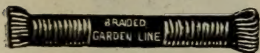
SENATOR DUNLOP STRAWBERRY.



COLUMBIAN RASPBERRY.



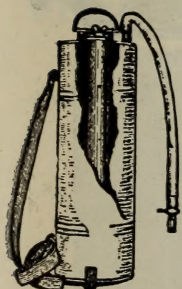
AZALEA POTS.

GARDEN LINE
AND REEL.

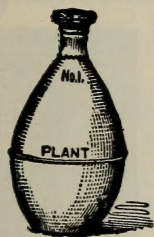
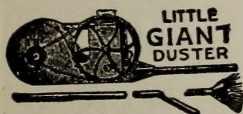
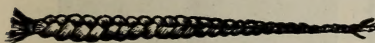
DIBBER.



DANDELION PULLER.

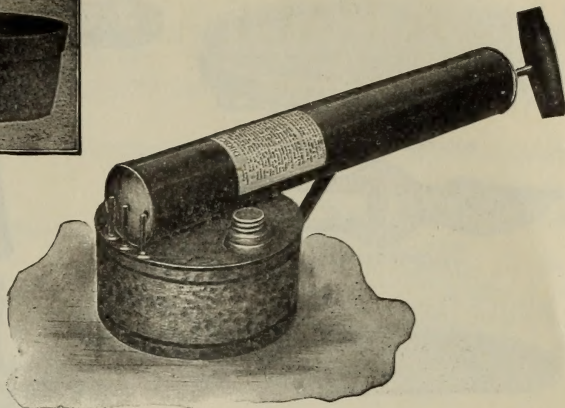


AUTO-SPRAY.

SCOLLAY
SPRINKLER.LITTLE
GIANT
DUSTER

RAFFIA.

KILLS
**Sulpho-
Tobacco
Soap.**
INSECTS



NEW ERA SPRAYER.

GARDEN TOOLS & SUNDRIES

Prices do not include postage.

Asparagus Knife, American. Straight edge, each.....	Price .35
Books. We can supply all Agricultural, Horticultural and Poultry Books at publishers' prices.	
Corn Planter, Eagle. 3 interchangeable plates.....	1.25
Dandelion Puller. Best steel; a very practical tool, each...	.40
Dandeline. Sure death to Dandelions. Pint 50c, quart....	.75
Dibber. For transplanting; steel point.....	.30
Fork, Hand Weeding or Transplanting Fork, each.....	.25

FERTILIZERS

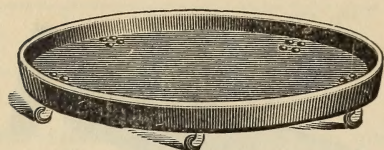
Bone Meal. Guaranteed analysis. Quantity required, one part to fifty parts soil; for starting a new lawn 3-5 lbs. per 100 sq. ft.	1lb. 5c, 5lbs. 25c, 25lbs. 90c, 100lbs. 2.50
Sheep Manure.	1lb. 5c, 10lbs. 35c, 50lbs. 1.00, 100lbs. 1.75
Blood.	1lb. 7c, 5lbs. 30c, 10lbs. 50c, 25lbs. 1.25, 50lbs. 2.00
Hard Wood Ashes.	25lbs. 45c, 50lbs. 75c, 100lbs. 1.25
Plant Food. Designed for pot plants. Package 15c; mailed	.25
Japanese Palm Food. For palms and ferns. Pkg. 15c; mail	.25
Garden Line. 100 feet 50c. Reel.....	.50

GLAZING MATERIALS

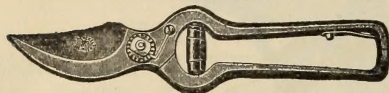
Mastica. Superior to putty; gallon 1.25	Machine to apply 1.25
Scollay Putty Bulb. For applying liquid putty and Mastica	.85
Glazing Points, per 1000 75c	Glass Cutter..... .10
Grafting Wax. 1/2 lb. 15c, 1 lb. 25c, lb.....	.40
Grass Edger, Planet Jr. Does straight or curved work....	6.00

INSECTICIDES

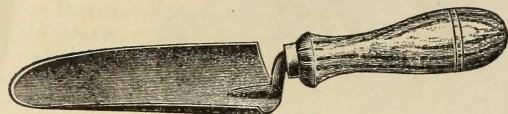
Ant Exterminator. Box...	.15	Sulpho-Tobacco Soap. Quick-ly exterminates all insect life on plants and flowers in and out of doors. 3 oz. cake makes 1 1/2 gallons, 10c; mailed, 13c. 8 oz. cake makes 4 gallons, 20c; mailed.....	.28
Bordeaux Mixture. Quart.	.25	Slug Shot Duster. Perforated bottom. Each.....	.35
Grape Dust. Pound.....	.10	Tobacco Dust. Pound....	.10
Hellebore, Powdered.		Whale Oil Soap. An excellent wash for trees. Pound... .15	
1/2 lb. 8c, pound	.25	Duster, Legget's Little Giant. Dusts two rows at a time.	5.50
Kerosene Emulsion. Qt....	.40	Each.....	1.00
Paris Green. Pound.....	.25	" Asparagus. Each 35c	.25
Persian Insect Powder.		Potato. Each.....	.25
1/2 lb. 15c, pound	.40	Labels. Pot, 4 in. 100 15c	.25
Slug Shot, Hammond's. Guaranteed to destroy potato bugs, currant and cabbage worms, flees, beetles and striped bugs.		Tree, copper wired, 3 1/2 in. 100..	.25
Lb. 8c, 5 lb. pkg.....	.35	Pots, Flower. All sizes. Standard and Azalea.	
1 lb. Sprinkler-top box..	.10	Raffia. Best tying material. Pound.....	.25
Knives. Pruning or Budding. Each.....	1.00	Colored Raffia. Write for prices.	
" Asparagus. Each 35c		By mail 1c per ounce extra.	



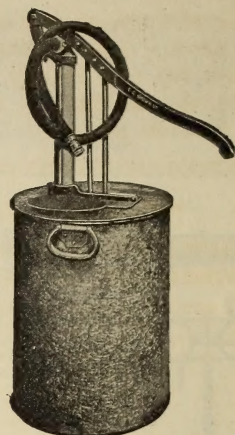
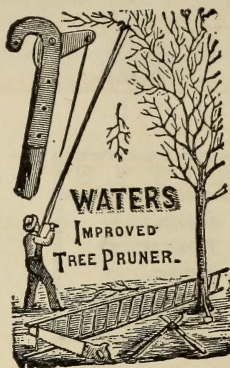
ROLLING PLANT STAND.



PRUNING SHEARS.



ENGLISH STEEL TROWEL.



WHITEWASH MACHINE.

Shears, German Pruning, 6½ inch	90c;	7½ inch	1.10;	8½ inch	1.20
" Grass, with thumb guard, each					.35

SPRAYERS

New Era. The fine mist is evenly distributed, so that tender plants are not injured. Tin reservoir, each..... .35

Galvanized reservoir, each 50c; Brass reservoir, each..... .75

Auto-Spray. Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents. The Auto-Pop is a contrivance for mechanically controlling the spray and cleaning the nozzle.

Galvanized reservoir..... 4.50

" " with Auto-Pop..... 5.50

Brass reservoir..... 5.50

" " with Auto-Pop..... 6.50

Extension Rods, 2 ft. lengths, galvanized 25c; brass..... .30

Auto-Spray No. 30 Whitewash, paint and spraying machine; capacity 8 gallons..... 12.00

Sprinkler, Scollay. Medium size, 65c, by mail..... .75

Large size, 85c, by mail..... .95

Stakes, Cane. 6—8 feet long, dozen 25c, per 100..... 1.00

Stand, Rolling. For heavy plants; made of indurated fibre ware. 12 inch 75c; 15 inch 85c; 16 inch 1.00; 18 inch..... 1.15

Thermometers. Tin case 8 inch 15c, dozen..... 1.50

Hot Bed. Brass point, wooden frame, each..... 1.75

Incubator..... .60

Brooder..... .50

Tree Pruner, Water's. 6 ft. 75c; 8 ft. 90c; 10 ft. 1.00; 12 ft. 1.10

TROWELS

English Steel. 6 inch..... .30

Garden. 6 inch..... .10

Cleave's Angle. Narrow..... .15

FLOWER TUBS

Columbian. Made of best cypress, will last for years.

10x11 inch..... each 1.00 21x18½ inch..... each 2.50

15x14 inch..... each 1.50 24x20½ inch..... each 3.00

18x16½ inch..... each 2.00

Turf Edger..... .50

Vase, Clara Cemetery. Handsome glass vase for the cemetery. Lower end sharp-pointed for imbedding in ground..... .40

Vase, Enameled Cemetery. White enamel; two sizes; 20c &..... .25

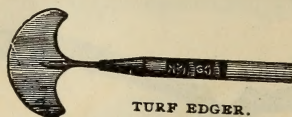
WEEDERS

Combination..... .20

Eureka..... .35

Excelsior..... .10

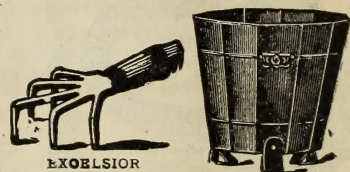
Lang's..... .20



TURF EDGER.



EUREKA WEEDER.



EXCELSIOR

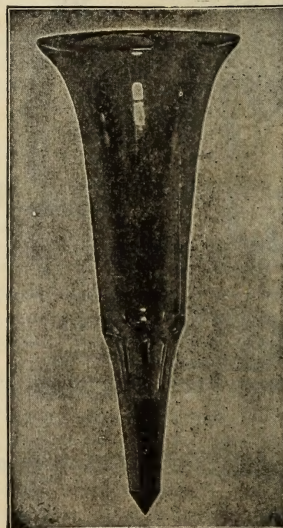
COLUMBIAN TUB.



COMBINATION



LANG'S.



CLARA CEMETERY VASE.

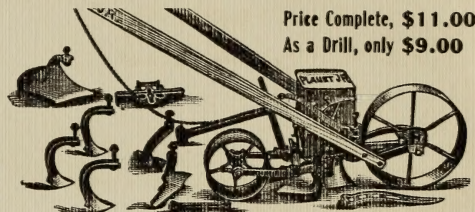
"PLANET JR." FARM AND GARDEN TOOLS

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue FREE FOR THE ASKING to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

"PLANET JR." No. 4.

COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

THIS admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder it sows in a continuous row, or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.



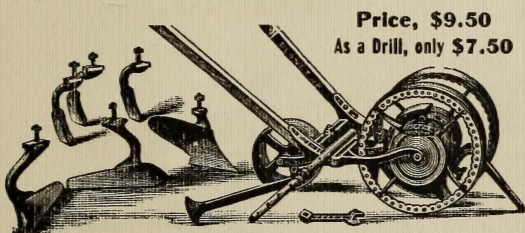
Price Complete, \$11.00
As a Drill, only \$9.00

PLANET JR. NO. 4.

"PLANET JR." No. 1.

COMBINED DRILL SEEDER AND WHEEL HOE, CULTIVATOR AND PLOW.

THIS has been long the most popular combined tool made. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical, every-day time and labor saver, and a grand remedy for backache.

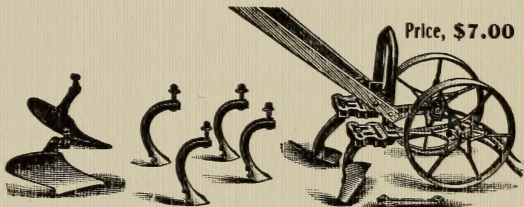


Price, \$9.50
As a Drill, only \$7.50

PLANET JR. NO. 1.

No. 12 DOUBLE WHEEL HOE.

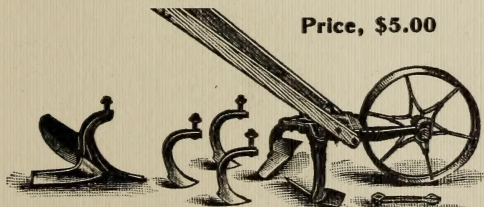
THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts.



PLANET JR. NO. 12.

Price, \$7.00

PLANET JR. No. 13 DOUBLE WHEEL HOE. With Hoe Blades only, price \$5.00.



Price, \$5.00

PLANET JR. NO. 13.

No. 17 SINGLE WHEEL HOE.

THIS latest and best single wheel hoe has a very full set of tools. It has 11-inch wheel, with broad face, is very light, strong and easy running. It has adjustable handles and quick-change frame.

No. 18 Planet Jr. Single Wheel Hoe.

WITH HOE BLADES, ONLY \$3.50.

"IRON AGE" TOOLS.

COMPLETE CATALOG FREE.

The "Iron Age" Tools are made from the best material, and with the best workmanship.

No. 20 "Iron Age" Single Wheel Hoe. With attachments. Price, \$5.50.

No. 21. With one pair of Hoes only. Price \$3.50.

No. 1 "Iron Age" Double and Single Wheel Hoe. Complete, with all attachments. Price, \$6.50.

No. 3. With one pair of Hoes only. Price, \$3.75.

No. 15 "Iron Age" Combined Hill and Drill Seeder, and Single Wheel Hoe. Complete. Price, \$10.00.

No. 16. As a Hill and Drill Seeder only. Price, \$7.50.

MATTHEWS TOOLS.

COMPLETE CATALOG FREE.

Matthews New Universal Double Wheel Hoe, Cultivator, Rake and Plow. Price, \$5.50.

With one pair of Hoes only. Price, \$3.75.

Matthews New Universal Single Wheel Hoe, Cultivator, Rake and Plow. Price, \$4.75.

With one pair Hoes only. Price, \$3.00.

Matthews New Universal Model Garden Drill. Price, \$6.50.

Matthews New Universal Constellation Drill. May be used as a Single or Double Wheel Seeder, Hoe, Cultivator, Rake and Plow. Price, \$8.50.

Matthews Hill and Drill Seeder. Price, \$7.25.

